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INTERNSHIP REPORT

TITLE OF THE PROJECT TRAVEL STUDIO



PUSHKAR MARUTI GOSAVI 2025

OPEN DESTINATIONS INFOTECH PVT. LTD.

Goa University

1

TRAVEL STUDIO

Completed by PUSHKAR MARUTI GOSAVI 2025

for the partial fulfillment of MCA Degree for Semester VI Discipline of Computer Science and Technology, Goa Business School, Goa University

At

OPEN DESTINATIONS INFOTECH PVT. LTD.

6th & 7th Floor, Kamat Grand, Behind Caculo Mall, St Inez, Panjim Goa. India. 403001

Under the guidance of

Mr. Swapnil Kamat (Development Manager, ODL)

> Miss. Pretoria D'mello (HR, ODL)

Mr. Nagesh Patil (Bootcamp / Product Technical Trainer, ODL)

Mr. Alfredo Fernandes (Sr. Product Trainer, ODL)

Mr. Rupesh Korgaukar (Team Lead & OJT Trainer, ODL)

Mr. Gaurav Verlekar (Technical Product Manager, ODL)

> Mr. Irshad Shaikh (Team Lead, ODL)

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Date: 14/06/2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. **PUSHKAR MARUTI GOSAVI**, student of Master of Computer Applications (MCA) of Goa University, Goa, is currently undergoing his final semester project (Semester VI) at our organization/company, **OPEN DESTINATIONS INFOTECH PVT LTD** from **01st Feb 2023 to Till Date**.

During his tenure he has met the expectations of his team lead/mentor/guide and found to be regular and sincere.

This certificate is being issued on his/her request to be submitted with the project report at Goa University.

The final internship completion certificate will be provided on completing his/her internship.

For CompanyName

<<Signing Authority>> <<Company Name and Seal>>

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GOA UNIVERSITY



GOA BUSINESS SCHOOL

CERTIFICATE OF EVALUATION

This is to certify that Mr **PUSHKAR MARUTI GOSAVI** has successfully completed her internship at **OPEN DESTINATIONS INFOTECH PVT LTD**, 6th & 7th Floor, Kamat Grand, Behind Caculo Mall, St Inez, Panjim Goa. India. 403001, in partial fulfillment of the award of the degree in Master of Computer Application.

Examiner 1

Examiner 2

Place: Goa University

Date: 14/06/2023

Dean, Goa Business School

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ACKNOWLEDGEMENT

The internship opportunity we had with Open Destination Infotech Pvt. Ltd. was a fantastic chance for learning and professional development. We consider ourselves fortunate to have been provided with this opportunity. I am sincerely grateful for the chance to meet so many wonderful people and professionals who guided us throughout this internship period.

First and foremost, we would like to thank the Department of Computer Science and Technology at Goa University for giving us the opportunity to carry out this internship and gain real-world industrial experience.

I extend our gratitude to **Mrs. Jyoti Pawar** (Dean, Goa Business School, Goa University), **Mr. Ramdas Karmali** (Prof. and TPO, MCA, Goa Business School, Goa University), **Mr. Ramrao Wagh** (Program Director - MCA, Goa Business School, Goa University), **Mr. Hanumant Redkar** (Assistant Professor - MCA, Goa Business School, Goa University), and all the faculty of Goa University for their constant support and encouragement.

I would also like to extend a special thanks to **Mr. Swapnil Kamat** (Development Manager), **Miss. Pretoria D'mello** & HR team for giving me the opportunity to work and for their assistance in helping us understand the workflow of the company.

Our appreciation goes to **Mr. Nagesh Patil** (Technical Product Trainer), **Mr. Alfredo Fernandes** (Sr. Product Trainer) and **Mr. Rupesh Korgaonkar** (Team Lead & OJT Trainer) for providing us with the essential training and guidance.

I would like to express our thanks to **Mr. Gaurav Verlekar** (Technical Project Manager, Ecommerce RoadMap) and **Mr. Irshad Shaikh** (Team Leader, Ecommerce RoadMap) for their valuable participation in decision-making and for providing necessary advice and guidance to help us stay on the right path. I acknowledge their contributions with utmost gratitude. I also like to thank all my team members for their invaluable guidance, which greatly contributed to my personal growth and learning during the internship.

Lastly, we are grateful to **Mr. Milind Anvekar** (Sr. Vice President India Operation) for his unwavering support and encouragement.

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INTRODUCTION

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This report outlines the work conducted over the past four months, which began on February 1, 2023, at Open Destinations Infotech Pvt. Ltd. in Panjim, Goa. The activities align with the curriculum of the VI semester Industrial Training of the MCA Program at Goa University.

The purpose of this report is to fulfill the requirements of the MCA degree internship program. It aims to document our work experience, accomplishments, project contributions, and professional development during the specified period. The report provides insights into our workplace experience as Junior Software Developers at Open Destinations Infotech Pvt. Ltd., as well as an overview of the technical training sessions we participated in.



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COMPANY PROFILE

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2.1 About Open Destinations Infotech Pvt. Ltd:

Open Destinations is an established travel technology player with more than **25 years'** real-world experience and **500**+ travel tech experts, solving the biggest technological issues that tour and rail operators face.

Over **10,000** travel professionals login to use our technology every single day. They choose us because our technology is richer, more complete and more customer centric than any other in the marketplace. For our customers it means selling whatever they want, however they want.

Working at Open Destinations

Open Destinations is constantly looking to recruit talented, motivated people who can add value to the business. They are a rapidly expanding company and are always looking for new people with demonstrated travel and technology experience. They have the diverse international teams spread between Goa and London enjoying an active social calendar, opportunities for global travel, offsite meetings in inspiring locations, central office locations with great transport links, and much more

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2.2 Products



A powerful, easy to use browser based end-toend reservations management platform with rich functionality, all connected smoothly to our huge supplier network. As easy as 'click & drag'!



A comprehensive 'ready-to-go' reservations management software giving a total 360-degree view of your sales, management and accounting with just one central, integrated back-office system including a dedicated travel CRM.



A fully developed Rail Management, Product Packaging, and Reservations System designed to help luxury, heritage, regional, and sleeper trains sell rail experiences through all distribution channels.



A white-label mobile itinerary app, Tineri is an ultra user-friendly solution that makes it easy to communicate with your customers before, during and after their trip. Even better, it's built to easily incorporate your company's brand identity.

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The Projects I Have Worked On Are:

Travel Studio

Travel Studio from Open Destinations is an industry-leading end-to-end Reservation Management system, it is a website that enables Tour Operators to look forward to a future of long-term financial growth and business sustainability. It deals with booking of packages and services like hotels, travels and other entertainment for your successful tour.

It has a range of features like:

- Simple user interface
- Time-Saving features
- 24/7 user support
- Dedicated training programs
- Access any upgrades as part of Travel Studio's user community
- Unrivaled supplier connections
- Lightning fast searches
- Full workflow support and automation
- A highly flexible system tailored to your needs
- Packages, FIT and Group functionality

E-Commerce Tools

Standing out and succeeding online is mission-critical for your travel business. To stay ahead and adapt fast in a competitive market, you need cutting-edge E-commerce Tools that can support communication, lead conversion and ensure an exceptional booking process for your customers.

An E-commerce toolkit to transform your travel business

E-commerce Tools enhance our Travel Studio product, with the potential to consolidate booking flows with hotels, rail and cruise packages, embracing the future of more varied and personalisable travel. A shopping cart function allows for a tailored combination of all product features, enabling the design of a product suite truly built around your business.

And we're continually innovating and developing exciting new add-ons. Coming soon will be the ability to easily book transfers and travel experiences.

- Manage complex bookings with ease
- View detailed itinerary information
- View, manage and amend booking documents
- Manage payments including outstanding balances
- Upload important documents and special requests
- Manage company and agent staff details (B2B)

Integrated booking platform with total visibility for your brand

- ➤ Mobile-friendly, white-label booking site for B2B and B2C customers
- Directly integrated with Travel Studio back office
- > Website pages designed to seamlessly fit your brand

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Invaluable add-ons for Travel Studio

- > Shopping cart function plus hotel, cruise and package booking options
- Customer documentation immediately on booking confirmation
- > B2C customers can pay directly through supported payment gateways

Customer Portal that puts travellers front and centre

- > Agent Login area (B2B) for managing staff details, bookings and changes
- > Access complex itineraries with detailed information and images
- ➤ Manage important documents and passenger details securely

Supplier Management

- Suppliers can directly confirm reservation requests via a link sent from your Travel Studio back office
- Authorized suppliers can view and upload rates and availability using dedicated extranet access
- Our Channel Management API allows users to share rates and availability for maximum distribution profitability via integrated Channel Managers

Villa Owners Portal

- Travel Studio villa suppliers can access pricing, booking requirements and availability in real time
- ➤ Manage complex bookings with simple user interface
- > Optimise supplier management processes, enabling your suppliers to be self-sufficient

Mobile Application

Tineri, our mobile itinerary app, gives tour operators, DMCs, travel agents and other travel providers the ability to turn static travel itineraries into living, breathing, interactive experiences.

Summary

Travel studio is used by agents of tour operators using which they create packages and services like hotel, transfer etc which are later fetched on websites like ecom website owned by open destinations through restapi. packages and services created on tsv2 are displayed on ecom website for agent, admin and general public to book packages and services. These bookings can later be viewed and edited by passengers associated with each booking.

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MY DESIGNATION IN COMPANY AND IMPORTANT ROLES PERFORMED AS AN INTERN

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In Open Destinations Infotech Pvt. Ltd, I work as a Junior Software Developer, specifically focused on their products Travel Studio. My main responsibility is to debug any issues reported by clients who are using the product. I am part of the E-Commerce Road team, which is responsible for resolving issues related to Travel Studio, ensuring that our clients have a seamless experience with the product and encounter no difficulties.

During my internship, I had the opportunity to learn various concepts such as ASP.NET, MVC, C# fundamentals, object-oriented programming (OOP) concepts, Microsoft SQL, creating stored procedures, basics of Node.js, JavaScript, Ajax and debugging code and stored procedures (SP). I applied this knowledge to effectively address the issues and tasks assigned to me. Additionally, I received training on using Jira, an important website for our team. Jira serves as a platform where issues and targets are displayed, and each developer is assigned a specific issue to resolve. It is crucial to log the time spent on Jira once an issue is assigned, as it helps track the amount of time taken to complete a particular task. The work was challenging, but it allowed me to deepen my understanding of the concepts and gain confidence in my abilities. Overall, it was an incredibly valuable and rewarding experience

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BOOTCAMP AND TRAINING

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BOOTCAMP

On February 1, 2023, before starting the bootcamp, we had a brief introduction session conducted by the HR and the trainer. They provided information about the company, its products, management, and protocols.

The bootcamp itself was led by Nagesh Patil, our Product Technical Trainer. It commenced with a basic introduction to the .NET Framework and its two components, along with some information about .NET Core. The trainer then introduced the client-side languages - HTML, CSS, and JavaScript - as well as the server-side language, ASP (Active Server Pages). I also gained knowledge about the ASP.NET framework, including the Page Life Cycle and State Management. Additionally, web services, APIs, and tools like Microsoft Visual Studio and Microsoft SQL Server Management Studio were covered.

During the bootcamp, the trainer reviewed some fundamental topics that were already taught to us, such as arrays, object-oriented programming (OOP) concepts, constructors, and access modifiers. We were given coding assignments to practice these concepts and were evaluated based on our adherence to coding guidelines.

The trainer also provided an introduction to SQL queries, followed by teaching us how to create stored procedures. A new concept introduced during the bootcamp was ADO.net. Later, the trainer discussed Three-layer architecture and AJAX. Throughout the bootcamp, we were required to submit daily reports on the topics covered, which helped us review and reinforce our understanding.

As the bootcamp approached its conclusion, we were tasked with creating an ecommerce website using the concepts covered. I decided to develop an online speaker website, implementing the Three-Tier Architecture and incorporating other concepts learned during the bootcamp. The website included three user roles: Admin, Seller, and Customer. Each user could log in and log out with their respective registered accounts. The Admin had access to Supplier Details, Product Details, Customer Details, and Order Details. The Seller could view their products and product details, add new categories for their products, add new products, and manage category details. The Customer could browse products, view product details, search for products, view different product categories, add items to the cart, place orders, and check order history.

The bootcamp concluded on February 21, 2023, with an MCQ test, followed by a demo and explanation of the website we created, presented to our manager.

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TRAINING

PRODUCT TRAINING

The Product training commenced on February 22, 2023, and was conducted by Mr. Alfredo Fernandes, our Product Trainer.

As a product-based company, Open Destinations Infotech Pvt. Ltd. assigned us to work on existing products rather than creating new ones. During the training, the trainer provided us with an overview of ODL's products and their functionalities. The primary product I worked on was Travel Studio. The trainer guided us through the installation and setup process of the entire product on our systems.

Travel Studio is a travel domain-based product that encompasses various entities such as Passengers, Agents, Services, and Suppliers. Each of these entities plays a crucial role within Travel Studio. Throughout the training, I was assigned daily tasks and required to submit reports on my understanding of the topics covered and the tasks performed. The Product training concluded on March 7, 2023, with an MCQ test that assessed our knowledge of the topics covered in the training.

Following the completion of the Product training, we had a break from March 8 to March 14, 2023. During our one-week break before starting the next phase of training, we were advised to review our project work and refresh our knowledge from the bootcamp and product training. Additionally, we were instructed to incorporate new functionality into our projects, specifically implementing an AutoComplete user interface using jQuery. Also they required me to submit a daily report to the trainer, documenting the topics I learned and covered each day.

TECHNICAL PRODUCT TRAINING

The Product Technical Training commenced on March 15, 2023, under the guidance of Mr. Nagesh Patil.

This training focused on the technical aspects of the product's functionality, including a deep understanding of the main code, SQL queries, and Stored Procedures utilized in Travel Studio. We were introduced to the development process and various development guidelines, along with the SVN (SubVersion) software and its structure. SVN is a Version Control System that enables software developers to collaborate and maintain a comprehensive history of their work. It is particularly useful for rapidly evolving projects. In our case, the product had two repositories: one for the API and another for the Website (TSV2). Whenever we needed to make changes to the code or functionality within these repositories, we were required to seek permission from the SVN Rights Team by sending a structured request email to request the changes to be committed.

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The training also covered new concepts, such as Language Integrated Query (LINQ), jQuery, Model-View-Controller (MVC) framework, AngularJS, and NodeJS. The trainer provided explanations and taught us the basic steps of debugging code.

The Product Technical Training concluded on April 5, 2023, following the completion of an MCQ test.

ON JOB TRAINING (OJT)

The On the Job Training (OJT) commenced on April 6, 2023, under the guidance of Mr. Rupesh Korgaukar.

The purpose of this training was to provide practical work experience and familiarize us with the tasks performed in the development team. It aimed to enhance our confidence in carrying out assigned tasks.

The training began with an introduction to debugging Stored Procedures for specific functionalities within the project. The trainer also explained the usage of the Jira website, where issues were displayed for resolution. The Jira ticket included details such as the ticket number, issue title, defect type, status (open/in-progress/closed), priority, resolution status, affected and fixed versions, assignee, reporter, technical manager, and more. Additionally, the trainer demonstrated how to debug both API and Website code within the code flow. Upsizing the database version was also covered. Throughout the training, I was assigned daily tasks to practice and reinforce the concepts learned.

The On the Job Training (OJT) concluded on May 11, 2023, and following its completion, I was assigned to the Development team.

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DEVELOPMENT TEAM

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After the end of On-the-Job Training (OJT), I was assigned to the Development Team by the HR Miss. Pretoria D'mello. I was assigned to the Ecommerce Roadmap Team. In the Team, there are many members and I am guided by Team Lead Mr. Irshad Shaikh and Technical Project Manager Mr. Gaurav Verlekar.

As part of my initial tasks, I was enrolled in a course to familiarize myself with the workings of the Booking site and Angular Development. Additionally, I was responsible for addressing issues reported by clients as well as those identified by the QA team during product testing. Whenever an issue was assigned to me, it was crucial to log the time spent on that particular issue on the Jira website. This allowed us to track the amount of time dedicated to resolving each issue effectively. Furthermore, I was required to submit a daily report at the end of each day, detailing the time spent on individual tasks.

PROBLEM STATEMENT

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Building E-Commerce Website

In the Bootcamp, we were instructed to create an E-Commerce website that incorporates various concepts taught, such as ASP.NET, MVC, SQL Queries, C#, JavaScript, CSS, and HTML. We successfully developed an E-Commerce website named "ONLINE SPEAKER" using these concepts.

The website includes three types of users: Admin, Seller, and Customer. The Admin user has the ability to check Supplier Details, Product Details, Customer Details, and Order Details. The Seller user can view their entered products and their details, add new categories for their products if necessary, add new products, and also view and edit categories. The Customer user can browse products sold by sellers, view details of individual products, search for specific products, view products by category, add products to their cart, place orders from the cart, and check their order history.

Our website incorporates all the basic and essential features expected in an E-Commerce platform. It provides SignUp/SignIn functionality for admins, sellers, and customers. The search feature allows users to find products easily, and the browsing functionality enables customers to explore products by category. Sellers have the ability to add products for sale and manage categories, while customers can add items to their cart and complete orders. The order history feature allows users to track and review their previous orders.

Overall, your E-Commerce website, "ONLINE SPEAKER," successfully incorporates all the necessary features and demonstrates your understanding and application of the concepts covered in the bootcamp. It showcases your ability to create a functional and comprehensive web application using ASP.NET, MVC, SQL Queries, C#, JavaScript, CSS, and HTML.

Following issues assigned in On the Job Training and Development Team:

On the Job Training (OJT):

Issue 1: QATSVTWO-22382

♦ User should not be allowed to enter 'alphabets only' in Membership number text-box.

Issue 2: QATSVTWO-23413

The first column in package maintenance > elements tab has too much unwanted space

Issue 3: QATSVTWO-23474

Sunstone Release : Unable to Search Package for booking.text-box.

Issue 4: QATSVTWO-23428

 Class_Tours_Areq: Alphanumeric characters shown for First Name and last Name on the Passenger Maintenance screen when trying to edit the Agent contact details from Agent contacts tab

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Development Team

Issue 1: QATSVTWO-20419

BookingSite: 'Something went wrong' error is displayed when bookings are searched and opened in website.

Issue 2: QATSVTWO-19699

Camino Release 2021: Getting an 'Object reference ' error massage while trying to update number of passengers in the passengers tab of booking

Issue 3: QATSVTWO-19742

♦ B2C - Booking done on website using travel pass is not getting searched in TSV2

Issue 4: QATSVTWO-17067

Camino Release 2020 :Multiple issues observed while deleting blank itinerary day from itinerary overview

Issue 5: QATSVTWO-19227

 Camino Release-Booking details not getting displayed on Header Tab for passenger booking

Issue 6: QATSVTWO-16648

 Camino Release 2020:Unexpected alert appears when user tries to increase number of passenger in rail Booking in Passengers tab

Issue 7: QATSVTWO-17838

Camino release 2021: Rail booking Change Passenger Flow Changed.

Issue 8: QATSVTWO-11700

♦ May Release 2019 :Event Pop up window not getting displayed after booking a service.

Issue 9: QATSVTWO-19551

 Camino 2 Release 2021- Cancellation policy popup not appearing while cancelling assigned operational service

Issue 10: QATSVTWO-23543

♦ Longitude Release 2023: Unable to copy existing Package.

Issue 11: QATSVTWO-20560

 Camino 2 Release: Incorrect pax availability is displayed under Package Search > More Options for a rail package

Issue 12: QATSVTWO-20142

Longreach Release 2020: In Rail manager>Departure>Notes, if user adds a note with show in booking/API/rail search flags off, saves and then goes to delete, TS shows "Note is referenced in booking" warning

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Issue 13: QATSVTWO-14988

April Release 2020: Change Search is not functional from new Booking > Package Search UI

Issue 14: QATSVTWO-20306

Camino Release 2022: System notes it not generated for Max age counter in in Age restriction rules

Issue 15: QATSVTWO-19164

 Camino Release- Cancellation Note popup not getting displayed on changing booking status to cancelled

Issue 16: QATSVTWO-20290

 Camino Release 2021 - User gets 'Input string was not in correct format' error while creating new booking.

Issue 17: QATSVTWO-23668

Arequipa2020: Rail operations module shows last searched data when searched for train that has no departures on the given date

Issue 18: QATSVTWO-20079

 Camino Release 2022-On copying an enquiry agent contact is shown blank in the copy enquiry popup

Issue 19: QAAPI-1660

CaminoRelease2020:<Packages>, <Element>, <Children>,<Services>,<BookingType>,<MinNumberofNights>,<BookingPromotions> all the parameters and tags under them are missing in the GetPromotionDetails() method

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TOOLS & TECHNOLOGIES USED

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VISUAL STUDIO



Visual Studio is an integrated development environment (IDE) created by Microsoft. It provides developers with a comprehensive set of tools and features to build a wide range of applications, including desktop, web, mobile, and cloud-based applications.

Visual Studio supports multiple programming languages such as C#, C++, Visual Basic, JavaScript, and Python, among others. It offers features like code editing, debugging, testing, source control integration, and deployment capabilities, making it a powerful tool for software development.

VISUAL STUDIO CODE



Visual Studio Code (often referred to as VS Code) is a lightweight source code editor developed by Microsoft. While it shares the "Visual Studio" name, it is a different product from the full-fledged Visual Studio IDE. Visual Studio Code is free and open-source, available for Windows, macOS, and Linux, and it has gained significant popularity among developers.

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MICROSOFT SQL SERVER MANAGEMENT STUDIO



Microsoft SQL Server Management Studio (SSMS) is a graphical user interface (GUI) tool provided by Microsoft for managing and administering Microsoft SQL Server. It is used by database administrators (DBAs) and developers to interact with SQL Server databases and perform various tasks related to database management, development, and troubleshooting.

SQL PROFILER

Trace Properties			×
General Events Selection			
Trace name:	United + 1		
Trace provider name:	DEV58		
Trace provider type:	Microsoft SQL Server "2019" version:	15.0.2000	
Use the template:	PMG_Temp_SP_Profiler (user, default)		-
	I mo_relip_or_relies. detauly		
Save to file:			E
	Set maximum file size (MB):	5	
	Enable file rollover Server processes trace data		
Save to table:			E
	Set maximum rows (in thousands)	1	
Enable trace stop time:	10.06-2023 - 19.04-20 -		_
Enable trace stop time:			
	Set trace duration (in minutes):	60	
		Run Cancel	Help

SQL Server Profiler is a tool provided by Microsoft SQL Server that allows you to capture and analyze events occurring within an instance of SQL Server. It provides a graphical user interface (GUI) for monitoring and capturing SQL Server activities, such as queries, stored procedures, and other database events.

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MICROSOFT IIS SERVER



IIS, which stands for Internet Information Services, is a web server created by Microsoft. It is a part of the Windows Server operating system and is used to host and manage websites, web applications, and services.

SOAP UI



SOAP UI is a popular open-source tool used for testing, validating, and simulating web services. It is widely used by software testers, developers, and quality assurance (QA) teams to ensure the quality and functionality of SOAP and RESTful web services.

TortoiseSVN



TortoiseSVN is a popular Subversion (SVN) client for Windows that provides a userfriendly interface and integration with the Windows Shell. It allows users to interact with Subversion repositories and manage version control for their projects.

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<u>JIRA</u>



Jira is a widely used project management and issue tracking software developed by Atlassian. It is designed to help teams plan, track, and manage their work efficiently, particularly in the context of software development and agile methodologies.

MICROSOFT EDGE



Microsoft Edge is a web browser developed by Microsoft. It is the successor to Internet Explorer and was first released in 2015. Edge is available for Windows, macOS, iOS, and Android devices.

The browser offers a clean and modern interface with features such as a customizable start page, tab management, and a built-in search engine. One of the key features of Microsoft Edge is its integration with Microsoft services and applications, such as Bing search engine, Cortana virtual assistant, and Office 365. Overall, Microsoft Edge aims to provide a fast, secure, and user-friendly web browsing experience with seamless integration with Microsoft's ecosystem of services and applications.

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C# (pronounced "C sharp") is a general-purpose programming language developed by Microsoft. It is a modern, object-oriented language designed to be simple, type-safe, and efficient. C# is widely used for developing a variety of applications, including desktop software, web applications, mobile apps, and games.

ASP.NET



ASP.NET is a web development framework developed by Microsoft that allows developers to build dynamic web applications and services. It was first released in January 2002. It is an extension of the .NET framework and provides a robust and scalable platform for creating web applications. It provides fantastic integration of HTML, CSS and JavaScript. It is built on the Common Language Runtime (CLR) and allows programmers to write code using any supported .NET language.

Our ASP.NET Tutorial includes all topics of ASP.NET Tutorial such as ASP.Net introduction, features, project, example, server controls, labels, textbox, button, hyperlink, radiobutton, calender, checkbox, fileupload, events handling, authentication, webforms model binding, html server control, compare validator, range validator, validation summary, mvc introduction, mvc project, view, validation, entity framework, authentication etc..

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<u>C#</u>

NODE.JS



Node.js is an open-source, server-side runtime environment that allows you to build scalable and high-performance web applications. It uses JavaScript as its programming language, which makes it possible to develop both the front-end and back-end of web applications using a single language.

Node.js is built on Chrome's V8 JavaScript engine, which compiles JavaScript code into machine code at runtime, resulting in fast and efficient execution. It utilizes an event-driven, non-blocking I/O model, making it well-suited for handling concurrent requests and real-time applications.

<u>HTML</u>



HTML (Hypertext Markup Language) is the standard markup language used for creating the structure and content of web pages. It provides a set of elements and tags that define the various components of a web page and their relationships. Browsers use HTML to interpret and display web content to users.

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<u>CSS</u>



CSS (Cascading Style Sheets) is a styling language used to describe the presentation and visual appearance of HTML and XML documents. It allows you to define styles, layouts, and formatting for web pages, enabling you to control the colors, fonts, sizes, positioning, and other visual aspects of elements on a webpage.

JAVASCRIPT



JavaScript is a high-level, interpreted programming language that is primarily used for adding interactivity and dynamic behavior to web pages. It is often referred to as the "language of the web" because it is supported by all major web browsers and allows developers to create interactive web applications.

JQUERY



jQuery is a fast, lightweight, and feature-rich JavaScript library designed to simplify client-side scripting and interaction with HTML documents. It provides a set of functions and methods that make it easier to manipulate the Document Object Model (DOM), handle events, create animations, make AJAX requests, and perform other common tasks in web development.

AJAX



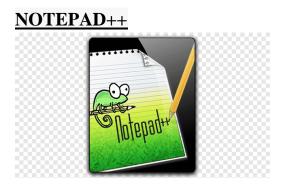
AJAX (Asynchronous JavaScript and XML) is a web development technique that allows you to send and receive data from a server asynchronously without requiring a full page reload. It enables you to update parts of a web page dynamically, without disrupting the user experience.

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ANGULARJS



AngularJS is a Javascript open-source front-end structural framework that is mainly used to develop single-page web applications(SPAs). It is a continuously growing and expanding framework which provides better ways for developing web applications. It changes the static HTML to dynamic HTML. Its features like dynamic binding and dependency injection eliminate the need for code that we have to write otherwise. AngularJS is rapidly growing and because of this reason, we have different versions of AngularJS with the latest stable being 1.7.9. It is also important to note that Angular is different from AngularJS. It is an open-source project which can be freely used and changed by anyone. It extends HTML attributes with Directives, and data is bound with HTML.



Notepad++ is a popular free source code editor and text editor for Windows. It provides a lightweight and feature-rich environment for writing and editing code in various programming languages. Notepad++ supports syntax highlighting, code folding, auto-completion, search and replace, and many other useful features that enhance code editing productivity.

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SCREENSHOT

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BOOTCAMP: MINI PROJECT (E-COMMERCE WEBSITE)

ONLINE SPEAKER

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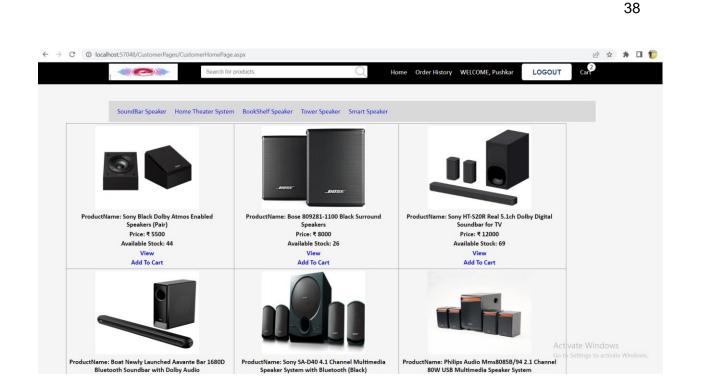
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OPEN DESTINATIONS INFOTECH PVT. LTD.

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20-02-2023 00:00:00	1006	Sony HT-S20R Real 5.1ch Dolby Digital Soundbar for TV		12000	PENDING	2	24000	PENDING
20-02-2023 00:00:00	1007	Bose Triple Black Home Speaker 500 With Amazon Alexa		20000	PENDING	3	60000	PENDING
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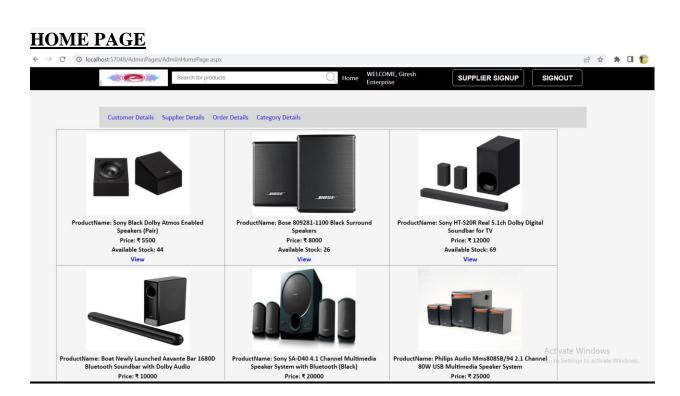
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ADD PRODUCT PAGE

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VIEW CATEGORY PAGE

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2001	SoundBar Speaker	Soundbars are the way to improve your TV audio quality. Installing them is simple as plugging a power cord into your wall outlet or surge protector and then connecting an HDMI or audio cable to your T	ď	۲
2002	Home Theater System	An audio/video entertainment center has large-screen TV and high fidelity audio system with at least three speakers in the front, left and right speakers in the rear.	ď	
2003	Tower Speaker	Most stretch three to four feet off the ground. Although the size of a speaker has little or no correlation with sound quality, large speakers are usually louder.	ď	۲
2004	Bookshelf Speaker	Bookshelf speakers are a great to tower speakers, especially for smaller spaces. They're significantly smaller and equipped with a tweeter and a woofer.	ď	۲
2005	Smart Speaker	Once connected, you can control them from an app on your phone or use voice commands to play music from all of the best streaming services.	đ	

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ADMIN

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ProductName: Sony Black Dolby Atmos Enabled Speakers (Pair) Price: \$ 5500 Available Stock: 44 View	ProductName: Bose 809281-1100 Black Surround Speakers Price: 1 8000 Available Stock: 26 View	ProductName: Sony HT-S2DR Real 5. 1.ch Dolby Digital Soundbar for TV Price: 1.1200 Available Stock: 59 View	
ProductName: Boat Newly Launched Aavante Bar 1680D Bluetooth Soundbar with Dolby Audio Price: ३ 10000 Available Stock: 25	ProductName: Sony SA-D40 4.1 Channel Multimedia Speaker System with Bluetooth (Black) Price: ₹ 20000 Available Stock: 15	ProductName: Philips Audio Mms80858/94 2.1 Channel 80W USB Multimedia Speaker System Price: ₹ 25000 Available Stock: 15	
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4	Saish Mainkar	Sanguem	9632587410	saish@gmail.com	Saish123	0		
5	Alison	Bicholim	9517532580	alison@gmail.com	Alison123	0		
6	Disha Malvankar	Margoa	9631474560	disha@gmail.com	Disha123	0		
7	Siddhant	Porvorim	7854122014	siddhant@gmail.com	Sid123	0		
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Category Details

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CATEGORY ID		CATEGORY DESCRIPTION
2001	SoundBar Speaker	Soundbars are the way to improve your TV audio quality. Installing them is simple as plugging a power cord into your wall outlet or surge protector and then connecting an HDMI or audio cable to your T
2002	Home Theater System	An audio/video entertainment center has large-screen TV and high fidelity audio system with at least three speakers in the front, left and right speakers in the rear.
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2004	Bookshelf Speaker	Bookshelf speakers are a great to tower speakers, especially for smaller spaces. They're significantly smaller and equipped with a tweeter and a woofer.
2005	Smart Speaker	Once connected, you can control them from an app on your phone or use voice commands to play music from all of the best streaming services.

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TRAVEL STUDIO

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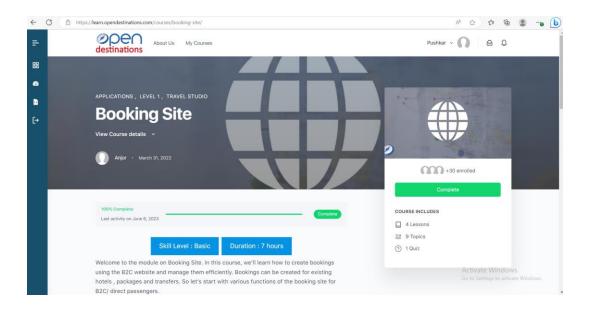
HOME PAGE ← C ① localhost/Trunk_TSBrowser/TSV2Home.aspx P A & & & & • • • (IA)~ ~ ➡ Home Q ABC Tours Studio 0 FIT Enquiries Created Bookings Created XX XX + New Enquiry Detail 📕 Grid + New Booking Detail 📕 Grid User: IRS ✓ Organisation: ~ User: IRS ~ AFIT13921 🚱 Andrew Harper - Austin AFIT332108 1 03 Jan 2024 V Linked extras 🛗 13 - 14 Mar 2023 (1 Night) EUR 0.00 🖍 Shreya Garg EUR 0.00 AFIT332107 Abercrombie & Kent USA, LLC Client Confirmed AFIT13790 Andrew Harper - Austin 11 Sep 2023 Q EUR PRACTICE 5 14 - 24 Feb 2023 (10 Nights) USC 6,899.81 EUR 4,000.00 AFIT13789 Strosch International - Houston AFIT332106 (Abercrombie & Kent USA, LLC Client Confirmed AFIT332106 17 - 28 Feb 2023 (11 Nights) EUR 4,000.00 11 Oct 2023 **Q** New engq USC 494.82 AFIT13785 () Frosch International - Houston AFIT332105 🗰 07 - 13 Feb 2023 (6 Nights) 11 Sep 2023 Q EUR PRACTICE 5 USC 6,899.81 ↓ John Carter USD 0.00 AFIT13784 Andrew Harper - Austin Closed AFIT332104 Shercromble & Kent USA. LLC Client Confirmed

OPEN DESTINATIONS INFOTECH PVT. LTD.

COURSE COMPLETE UNDER INTERNSHIP AND SELF STUDY

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1. Booking Site Course



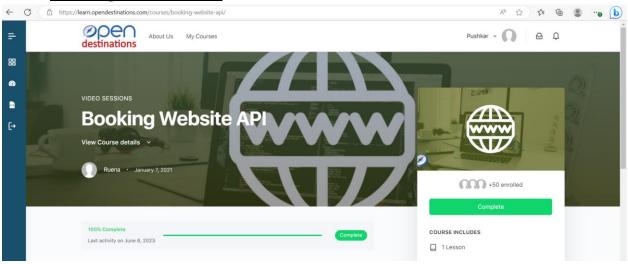
In this course, I learn how to create bookings using the B2C website and manage them efficiently. Bookings can be created for existing hotels, packages and transfers. So let's start with various functions of the booking site for B2C/ direct passengers. This course includes 4 lessons, 9 topics and 1 Quiz.

Under this course we will cover:

- How to access Passenger login
- How to search hotels, packages and transfers.
- How to create bookings for hotels, packages and transfers directly on the website.
- How to retrieve the existing bookings.

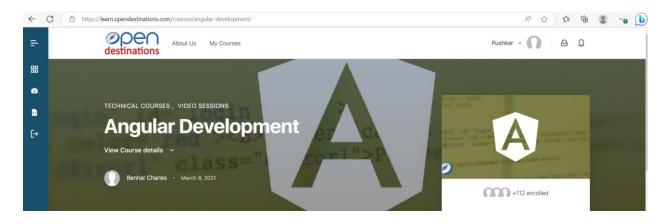
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2. Booking Website API



In this Course, I learn about Booking Website API through a Video Session

3. Angular Development



In this course, you learned about the basics of Angular development. The course started with a practical demonstration on how to install Angular and create a new project. It covered the implementation of Angular components in TS V2

The course also provided a brief overview of important topics such as code structure and organization in Angular projects. It introduced debugging techniques for Angular applications and discussed how to effectively debug and troubleshoot code issues.

Furthermore, the course touched upon Webpack, a popular module bundler used in Angular projects. It explained the role of Webpack in bundling and optimizing code for better

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performance. Additionally, it covered the concept of patch creation, which involves updating specific parts of an Angular application without replacing the entire application. Lastly, the course explored the loading of components, including the concept of lazy loading. It explained how lazy loading can be used to improve the initial loading time of an Angular application by loading components asynchronously, as and when they are needed.

Overall, the course consisted of 2 lessons and covered 4 main topics: installation and project creation, Angular component implementation using TSV2, code structure and debugging techniques, and important concepts such as Webpack, patch creation, and loading of components. The course likely included practical examples and demos to enhance understanding and provide hands-on experience.

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INTERNSHIP TIMELINE

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FEBRUARY 2023	TASKS
01st Feb 2023	 Formal Orientation Program and Started With Bootcamp Training. Bootcamp NetFramework ASP.NET HTML CSS JAVASCRIPT
02nd - 3rd Feb 2023	 Bootcamp Page Life Cycle State Management Control Statement ASP.NET Life Cycle Event Array OOP Concepts
06th - 10th Feb 2023	 Bootcamp C# SQL Server ADO.NET Three Tier Architecture AJAX
13th - 17th Feb 2023	 Bootcamp Mini Project (E-commerce Website - ONLINE SPEAKER) Online Test
20th - 21 Feb 2023	 Bootcamp Mini Project Review
22nd - 28th Feb 2023	 Product Training Travel Domain Entities Products Service Maintenance Agent Passenger Booking
MARCH 2023	
01st - 07th Mar 2023	 Product Training Allocation Package Departure Cancellation Policy Finance

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	• Online Test
08th - 14th Mar 2023	 Revision / Adding more functionality to the Mini Project AutoComplete user interface using jQuery.
15th - 24th Mar 2023	 Technical Product Training Basic Implementation of TS & TSV2 Development Process TS Database Structure Implementation SQL Queries SVN Setting Up TSV2 Soap Web Web Services and WSDL LINQ Debugging Website SQL Profiler
27th - 31th Mar 2023	 Technical Product Training MVC AngularJS TSV2 New Architecture flow
APRIL 2023	
01st - 05th April 2023	 Technical Product Training Directives Components NodeJS VS Code NPM TSV2 VS Code Architecture Installation of VS code and IteneryBuilder component test
06th - 07th April 2023	 On Job Training (OJT) Configuration of API and TSV2 SQL Profiler Table involved in booking JIRA Debugging SQL Stored Procedure
10th - 14th April 2023	 On Job Training (OJT) Dynamic Queries Debugging API error Jira Task Debugging TSV2, API & Batch query for the common issue Support portal Commit mail SVN commands, SVN revert & resolving conflicts and compilation

	 errors TS, TSV2 & TSWS build installation TS code folder structure to show the SP, UDF & Support script SOAP UI for B2C Request
17th - 28th April 2023	 On Job Training (OJT) o Jira tickets o Debugging TSV2
MAY 2023	
1th - 11th May 2023	 On Job Training (OJT) O Jira tickets
12th - 31 May 2023	 DEVELOPMENT TEAM (e-Commerce Roadmap) o Jira tickets
12th - 31 May 2023	
12th - 31 May 2023 JUNE 2023	

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INTERNSHIP EXPERIENCE

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It was a wonderful experience working in a renowned workspace. I also learned the importance of continuous learning and staying updated with new technologies, which is equally crucial as working on any particular technology. Open Destinations Infotech Pvt. Ltd. provided ample training opportunities, making it convenient for us to explore and learn new technologies independently.

The company is filled with software professionals who are more than willing to mentor us at every step. It was a completely different environment compared to student life, with new roles and responsibilities. The entire team is friendly and always ready to lend a helping hand.

I have been offered the position of Junior Software Developer. Our journey began with Bootcamp training, conducted by Mr. Nagesh Patil (Technical Trainer). Through this training, he not only sharpened my programming skills and knowledge of programming concepts but also provided valuable insights. Mr. Nagesh Patil has been an exceptional professional trainer who remained composed and patiently addressed our queries and doubts, greatly contributing to our understanding of the concepts.

Subsequently, we underwent Product Training, guided by Mr. Alfredo Fernandes (Sr. Product Trainer), where we were taught how the product operates. This was followed by Technical Product Training, once again conducted by Mr. Nagesh Patil. During this training, he familiarized us with the product's architecture and implementation methodologies.

Lastly, we had the privilege of undertaking On-the-Job Training (OJT) under the guidance of Mr. Rupesh Korgaukar (Team Lead & OJT Trainer). He provided us with practical knowledge and guided us on our tasks and work approach.

After all the training and tests were completed, we were assigned into different teams. I was assigned to the E-commerce Roadmap Team under the guidance of Mr. Gaurav Verlekar (Technical Project Manager) and Mr. Irshad Shaikh (Team Lead). We have 10 members in our team. First, I was assigned issues which needed to be tested and analyzed and fixed. Then later I had given courses to learn on Booking site, Angular development and Booking website api.

REFERENCES

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- https://www.javatpoint.com/c-sharp-tutorial
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- https://learn.microsoft.com/en-us/aspnet/tutorials
- https://nodejs.dev/en/learn/
- https://developer.mozilla.org/en-US/docs/Web/Guide/AJAX
- http://api.jquery.com/jquery.ajax/

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