

INTERNSHIP REPORT

SALEESHA S NAIK

2038

Helix Tech Info Systems Pvt. Ltd.

Goa University

REPORT OF INTERNSHIP DONE AT HELIX TECH INFO SYSTEMS PVT. LTD.

SUBMITTED BY:

SALEESHA S NAIK

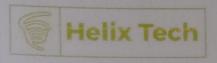
2038

UNDER THE GUIDANCE OF

Mr. Rudresh Gawas
(Senior Software Developer, Helix tech)

Mr. Niranjan Naik (CTO, Helix tech)

INTERNSHIP CERTIFICATE



Date: 02nd June 2023

To Whomsoever It May Concern

Dear Sir/Ma'am,

It is our pleasure to write about Ms. Saleesha Naik, who has worked with Helix Techin Info Systems Pvt. Ltd. (hereinafter referred to as "HELIX") in the capacity of Software Developer Intern – PHP from 02/01/2023 – till date.

During the aforementioned tenure of her work here, Ms. Saleesha remained involved in her work with determination and sincerity. We found her active and competent in executing all assigned tasks.

Sincerely,

Ms. Valzera Rodrigues Sr.HR/Admin Executive

Helix TechIN Info Systems Pvt. Ltd CIN: U72300GA2014PTC007419

www.helixtech.co
New York | Goa | London

Corp. Office: Villa HT, Plot No. 45, H No. 854/1A, Journalist Colony, Alto-Porvorim, Goa- 403521, India Regd. Addrdess: Housing Board Colony, B Block, Grnd Flr, Flat No.7, Pundalik Nagar, Alto-Porvarim, Goa-403521, India

Goa University



GOA BUSINESS SCHOOL

CERTIFICATE OF EVALUATION

This is to certify that Ms. Saleesha S Naik has been evaluated for the project work titled "Report of Internship done at Helix Tech Info Systems Pvt Ltd." undertaken

Helix Tech Info Systems Pvt Ltd, Porvorim, Goa in partial fulfillment for the award of the degree in Master of Computer Application.

Examiner 1

Examiner 2

Place: Goa University

Date: 5th June 2023

Dean, GBS, Goa University

Acknowledgement

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Interning in a company is a golden opportunity for learning and self-development specially to have so many wonderful people lead me through this internship period. The internship wouldn't be complete without expressing my gratitude and appreciation to all the people who made it possible.

I would like to thank Mr. Kunal Kerkar (CEO, Helix Tech) for giving me the opportunity to intern at Helix Tech.

My sincerest gratitude to Mr. Niranjan Naik (CTO, Helix Tech) and Mr. Rudresh Gawas (Senior Software Developer, Helix Tech) for being my mentor and giving me the necessary guidance and support.

I would like to extend my gratitude to Ms. Valzera Rodrigues (HR, Helix Tech) for always helping me out whenever I was in need.

I thank Mr. S Baskar (project guide, Goa University), Mr. Hanumat Redkar (Prof. MCA, Goa Business School, Goa University) and all the faculty of MCA, Goa University for their constant encouragement and support during the project work.

I would like to thank my family and friends for helping and showing the love, support and encouragement during this internship period cannot be forgotten.

Finally, I would like to express my gratitude towards the Helix Tech family who were always ready to help me and guide me in all aspects of life. They have transformed me into a new and renewed person ready to face head-on any challenges that come my way.

- Saleesha Naik



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←91-832-2414401/02/03☑ contact@helixtech.coฬ www.helixtech.coNew York | Goa | London

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| Examiner 1 | Examiner 2 |
|--|---------------------------|
| Place: Goa University Date: 5th June 2023 | Dean, GBS, Goa University |

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- Saleesha Naik

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Introduction

This report is a short description of my internship at Helix Tech as Software developer. I joined as an Intern at Helix Tech on 2nd January 2023 and have been here since then.

This report contains necessary information about the organization, the projects and mini projects I worked on and the other tasks and special training I completed in this internship period.

In the chapters that will follow, I will talk about the company, the work here, the culture, etc. Then, I shall elaborate on the projects I worked on, a brief information about the projects, the modules I built and the tasks I completed in those modules. This report highlights my learning experience and my contributions to the organization as an intern. This will describe the knowledge that I gained by successfully completing the tasks that were assigned to me. I'll also be talking about the tools and technologies that were used followed by my internship timeline. I shall conclude by sharing my experience and how it has helped me to grow, both, on the personal and professional front.

Company Profile

In 2013, when the Indian start-ups had just started gaining momentum & Smartphones were picking up faster than ever, two new IT graduates started building mobile apps, making the most of this wave. Five years since and they've consulted close to 500+ Apps for over 100 clients across 6 continents. Their goal is simple – Amaze our clients by delivering high quality software which run smoothly, strategically & predictably.

Today, Helix Tech is an award winning mobile first technology partner to big and small entities, providing them end-to-end turnkey software solutions. It's voted as the company of the year by CIO review & has ranked among the top 30 companies to watch out for by Silicon Review.

They're running a non-profit initiative called HT for STUDENTS, where they educate along with their commitment towards being a practice school station for BITS. It comprises of training students in app development every summer at their HQ in Goa.

App Strategy

They help you see beyond your horizons & that's the pinnacle of their product design at Helix Tech. They've planned, developed & successfully launched hundreds of apps from scratch. They dig deep into your business model, consumer challenges, and positioning to help you create a product that produces unique value. Their goal is always to convert your vision into reality in the most engaging way to ensure your customers are experiencing the best.

Mobile Design

Turning ideas into visually polished and smooth mobile apps comes as second nature to them. With their deep expertise in design and technology, they understand how to achieve your strategic goals. Their designers have mastered the art of delivering delightful products with exceptional interactions and seamless experience.

App Development

They bring the best mobile experiences by hiring the best talent that they can find. This way, when they put them together in a team, it results in an atmosphere where with different perspectives and challenges, everyone learns swiftly to deploy customized solutions for every project. Each project ensures personal development as well as the capability of the team.

Mobile Marketing

No matter what platform your users are on, their apps are carefully crafted to give your users a remarkable experience. This is a result of endless hours spent on product strategy, design and the functionality of your mobile app. Their apps are beautifully engineered which deliver measurable business outcomes.

App Support

At Helix Tech, they understand how important it is for a business to have an app that runs smoothly and in an expected manner, so they provide full support through our highly qualified and trained team.

Once the app has launched, it needs constant monitoring and updating. They offer 4 different support plans to choose from via which they analyse problems and solve them for a glitch free experience.

Project 1

Problem Statement

1) User (Module)

When user input anything using script tag in Add Beat text-box than in database script tag should not store. After removing script tag the beat name should store.

Tools and Technologies used

- Visual Studio Code
- FileZilla Client
- Brave Browser
- Navicat for MySQL

My Contributions

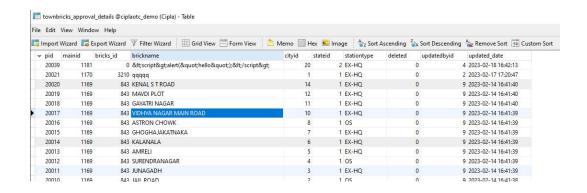
Made changes in the code that when user input new beat name using script tag all special character gets converted into character and than get save in database.

Screenshots

1) Front-end



2) Database



Project 2

Problem Statement

1) Reports (Module)

- a) POB Dump Report Make Changes in the Report UI Adding From date and To date and Creating Report Creation file and Adding header names in file.
- b) POC Dump Report Make Changes in the Report UI Removing role and user name and Adding From date & To date. Create Report Creation file and Adding header names in file.

Tools and Technologies used

- Visual Studio Code
- FileZilla Client
- Brave Browser
- Navicat for MySQL

My Contributions

- 1) For POB Dump Report added new field From date & To date in the front-end UI which open calender and take dates.
- 2) For POC Dump Report remove role and username and added new field From date & To date in the front-end UI so in search criteria it only take division, from date & to date.
- 3) For POB and POC Dump Report I Created Report Creation file and added header names.

Screenshots

1) POB Dump Report

Home Customers TourPlans DAR Expense Communication Leave Activity Performance 5.5sles Reports TRACER Quick create XSL SMS SALARY INPUT FSO O.E SCORE CARD DASHBOARD SECONDARY FLASH DATA 1815 Login ADP (Access Pay Slip) SALES DATA UPLOAD POB Dump Report Search Criteria: Indicates required field Division: GYNAE V Role: V Username: V From Date: Generate Download Link Generate Download Link Back

Click here to download csv : <u>POBDump_Report_12:46:46.csv</u>
Click here to download zip : <u>POBDump_Report_12:46:46.zip</u>
Server response time: 1.394685 seconds.

2) POC Dump Report



Project 3

Problem Statement

1) Report (Module)

Creating changes in Created Report Creation file of ORG level search report, ORG level double click level, City brand level report and city level report.

Tools and Technologies used

- Visual Studio Code
- FileZilla Client
- Brave Browser
- Navicat for MySQL

My Contributions

Added the code in created Report Creation file of ORG level search report, ORG level double click level, City brand level report and city level report for take data from frontend that is division, role, username, from date and to date and passing user id in main query to fetch data of that user.

Screenshots

1.ORG Llevel Report



2.ORG level double click level



3.City Brand level Report



4.City Level Report



Project 4

Problem Statement

1) Reports (Module)

- a) Create a new Stakeholder details report with search criteria as division, role and username. Write a new Query for the report generation.
- b) Create a new Day visit report with search criteria as division, role, username, from date and to date. Write a new Query for the report generation.
- c) Create a new Institution field summary report with search criteria as division, role, username, year and month. Write a new Query for the report generation.

Tools and Technologies used

- Visual Studio Code
- FileZilla Client
- Brave Browser
- Navicat for MySQL

My Contributions

- 1) Stakeholder details report
 - a. Created a new pages stakeholder report.php and stakeholder search report.html
 - b. Integrated the fields required to fetch report.
 - c. Created new page CreateXLstakeholderreport.php for report Generation in XL format.
 - d. Wrote a new SQL query for report Generation.

2) Day visit report

- a. Created a new pages dayvisit report.php and dayvisit search report.html.
- b. Integrated the fields required to fetch report.
- c. Created new page CreateXLdayvisitreport.php for report Generation in XL format.
- d. Wrote a new SQL query for report Generation.
- 3) Institution field summary report
 - a. Created a new pages Instfldsumry_report.php and Instfldsumry_search_report.html.
 - b. Integrated the fields required to fetch report.
 - c. Created new page CreateXLInstfldsumry.php for report Generation in XL format.
 - d. Wrote a new SQL query for report Generation.

Screenshots

1.Stakeholder Details Report



2.Day Visit Report



3.Institution field Summary Report



Project 5

Problem Statement

1) Report (Module)

- a) Creating new report DCR status report with search criteria division, role, territory, month and year with legend in frontend to indicate the color code and Create Report Creation file with new Query for the report generation.
- **b)** Creating new report HSBC remittance report with search criteria month & year and Create Report Creation file with new Query for the report generation.
- c) Changing edetailing report frontend with search criteria as division, from date and to date.

Tools and Technologies used

- Visual Studio Code
- FileZilla Client
- Brave Browser
- Navicat for MySQL

My Contributions

1) DCR status report

- a. Created a new pages derstatus report.php and derstatus search report.html
- b. Integrated the fields required to fetch report and added legend to indicate color with Full and short-form name.
- c. Created new page CreateXLdcrstatusreport.php for report Generation in XL format.
- d. Wrote a new SQL query for report Generation.

2) HSBC remittance report

- a. Created a new pages hsbcremittance report.php and hsbcremittance search report.html
- b. Integrated the fields required to fetch report.
- c. Created new page CreateXLhsbcremitreport.php for report Generation in XL format.
- d. Wrote a new SQL query for report Generation.

3) Edetailing report

a. Removed role, territory, month & year and added new field from date & To date.

Screenshots

1.DCR Status Report



2.HSBC Remittance Report



3. Edetailing Report



Tools and Technologies used



Visual Studio Code

Visual Studio Code is a code editor redefined and optimized for building and debugging modern web and cloud applications



FileZilla Client

FileZilla is one of the most popular FTP clients. The main purpose of Filezilla is to make it easy for you to upload and download files from your web hosting server.



MySQL Workbench

MySQL Workbench is a unified visual database designing or graphical user interface tool used for working with database architects, developers, and Database Administrators.



Sql Developer

Oracle SQL Developer is a free, integrated development environment that simplifies the development and management of Oracle Database in both traditional and Cloud deployments



XAMPP

XAMPP is the most popular PHP development environment. XAMPP is a completely free, easy to install Apache distribution containing MariaDB, PHP, and Perl.



Navicat for MySQL

Navicat for MySQL is the ideal solution for MySQL/MariaDB administration and development. It is a single application that allows you to connect to MySQL and MariaDB databases simultaneously. Compatible with cloud databases like Amazon RDS, Amazon Aurora, Oracle Cloud, Google Cloud and Microsoft Azure. This all-inclusive frontend provides an intuitive and powerful graphical interface for database management, development, and maintenance.

Internship Timeline

January 2023

Week 1:

- 1. Formal Orientation and on boarding process
- 2. Started Learning HTML, CSS, Bootstrap,

Week 2:

1. Learn JavaScript, JQuery, SQL Queries.

Week 3:

1. Learn PHP

Week 4:

1. Learn PHP

Week 5:

1. Learn mysql, tools, report generation

February 2023

Week 1:

1. Test Involving HTML, CSS, Bootstrap, JavaScript, Mysql and PHP

Week 2:

1. Test Involving HTML, CSS, Bootstrap, JavaScript, Mysql and PHP

Week 3:

1. Security fixing in Project - 1

Week 4:

- 1. Created ORG level report Project 2
- 2. Created ORG double click report Project 2

March 2022

Week 1:

- 1. Created City brand level Report Project 2
- 2. Created City level Report Project 2

Week 2:

1. Created Stakeholder Details Report Project - 3

Week 3:

1. Created Day Visit Report Project - 3

Week 4:

1. Worked on content changes

April 2022

Week 1:

1. Angular Sales App Training

Week 2:

1. Angular Sales App Training

Week 3:

1. Field Summary Report

Week 4:

- 1. Fixing issue in Missed customer Report
- 2. Fixing issue in Deviational Report

May 2022

Week 1:

1. Fixing issue in Institution missed report and data verification of report

Week 2:

1. DCR status report

Week 3:

1. HSBC staus report

Week 4:

- 1. Modifications in the UI of Edetailing report
- 2. Making SRS for Hsbc Remittance report

June 2022

Week 1:

1. promo acknowlege/distribution report

My reflections/ experiences of internship.

My Internship at Helix Tech has been a wonderful and growing experience. Facing new challenges every day is a norm here at HelixTech.

An undying hunger to learn more is something that is cultivated in employees here. Being in industry and working on live projects is not something one learns but experiences.

At Helix Tech, I was never restricted to just my project team. I was provided freedom to interact, consult, seek help and guidance, etc. from any colleague.

Overall, I'm very happy to be part of Helix Tech. My best of wishes to everyone here.

References

- 1) en.wikipedia.org
- 2) https://www,w3schools.com/
- 3) https://www.youtube.com/
- 4) https://stackoverflow.com/