

ParallelProcess

&

IMS CAD Centre

INTERNSHIP REPORT

Sweta Bajirao Naik
2040

Vessel Profiler & Optimile

Completed by
Sweta Bajirao Naik
2040

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

At
Parallel Process LLP
720, Gera Imperium Grand Patto, Panjim, Goa - 403001

Under the guidance of
Max Menezes
(Team Leader, Parallel Process LLP)

Internship

Completed by
Sweta Bajirao Naik
2040

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

At
IMS CAD CENTER
3rd Floor, Patto Center Building, above Kotak Bank ATM Panjim, Goa 403001

Under the guidance of
Pankaj Gaonkar
(Team Leader, IMS CAD CENTER)

TO WHOMSOEVER IT MAY CONCERN

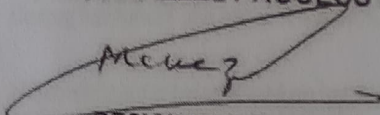
This is to certify that **Ms. Sweta Naik**, student of Master of Computer Applications (MCA), Goa University, Goa has completed her Final Semester project (Semester VI/IV) at our organization, Parallel Process LLP from 02nd January, 2023 to 20th March, 2023.

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

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

For Parallel Process LLP

For PARALLEL PROCESS LLP



DESIGNATED PARTNER

Max Menezes,
Designated Partner



IMS CAD Centre

HRDF, Govt. Affiliated & ISO Certified Software Training Institute
CAD Drawing, 3D Modeling, Software Training & Placement Services

GST No. 30AHUPG0647C1ZR



Ref.No: IMS/23-24/015

Date: 08.06.2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. SWETA BAJIRAO NAIK student of Masters of Computer Applications (MCA) of Goa University, Goa, has completed her final semester project (semester VI/V) at our organization, IMS CAD Centre from 3rd April to 31st May 2023.

During her tenure she has met the expectations of her guide and found to be regular & sincere.

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

Sincerely,

For IMS CAD Centre,

Mr. Pankaj Gaonkar
Director



GOA UNIVERSITY



GOA BUSINESS SCHOOL

CERTIFICATE OF EVALUATION

This is to certify that Mr./Ms. Sweta Bajirao Naik has successfully completed her internship at **Parallel Process LLP, 720, Gera Imperium Grand Patto, Panjim, Goa - 403001**, and at **IMS CAD CENTER, 3rd Floor, Patto Center Building, above Kotak Bank ATM Panjim, Goa 403001**, in partial fulfillment of the award of the degree in Master of Computer Application.

Examiner 1

Examiner 2

Place: Goa University

Date: 15/06/2023

Dean, Goa Business School

Acknowledgement

First and foremost, I would like to thank the Goa Business School, Goa University, for giving me the opportunity to carry out an internship and acquire real-world industrial experience. And a special thanks to Prof. Hanumant Redkar and teaching and non-teaching staff of the Goa Business School.

I would like to thank Parallel Process LLP & IMS CAD CENTER for allowing me to do this internship and considering me capable to work on such projects.

I am also grateful to the members of my team especially for all the help and encouragement which helped me in this project. I would like to express my special gratitude and thanks to Parallel Process LLP & IMS CAD CENTER employees for giving me such attention and time.

I have not mentioned names of the employees who have helped me during this internship, but the absence of their names does not show the absence of my gratitude for their support

ParallelProcess®

&

IMS CAD Centre

INTERNSHIP REPORT

Sweta Bajirao Naik
2040

Vessel Profiler & Optimile

Completed by
Sweta Bajirao Naik
2040

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

At
Parallel Process LLP
720, Gera Imperium Grand Patto, Panjim, Goa - 403001

Under the guidance of
Max Menezes
(Team Leader, Parallel Process LLP)

Internship

Completed by
Sweta Bajirao Naik
2040

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

At
IMS CAD CENTER
3rd Floor, Patto Center Building, above Kotak Bank ATM Panjim, Goa 403001

Under the guidance of
Pankaj Gaonkar
(Team Leader, IMS CAD CENTER)

TO WHOMSOEVER IT MAY CONCERN

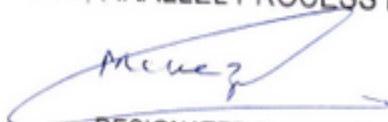
This is to certify that **Ms. Sweta Naik**, student of Master of Computer Applications (MCA), Goa University, Goa has completed her Final Semester project (Semester VI/IV) at our organization, Parallel Process LLP from 02nd January, 2023 to 20th March, 2023.

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

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

For Parallel Process LLP

For PARALLEL PROCESS LLP


DESIGNATED PARTNER

Max Menezes.
Designated Partner



IMS CAD Centre



HRDF, Govt. Affiliated & ISO Certified Software Training Institute

CAD Drawing, 3D Modeling, Software Training & Placement Services

GST No. 30AHUPG0647C1ZR



Ref.No: IMS/23-24/015

Date: 08.06.2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. SWETA BAJIRAO NAIK** student of Masters of Computer Applications (MCA) of Goa University, Goa, has completed her final semester project (semester VI/V) at our organization, IMS CAD Centre from 3rd April to 31st May 2023.

During her tenure she has met the expectations of her guide and found to be regular & sincere.

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

Sincerely,

For IMS CAD Centre,

Mr. Pankaj Gaonkar
Director



GOA UNIVERSITY



GOA BUSINESS SCHOOL

CERTIFICATE OF EVALUATION

This is to certify that Mr./Ms. **Sweta Bajirao Naik** has successfully completed her internship at **Parallel Process LLP, 720, Gera Imperium Grand Patto, Panjim, Goa - 403001**, and at **IMS CAD CENTER, 3rd Floor, Patto Center Building, above Kotak Bank ATM Panjim, Goa 403001**, in partial fulfillment of the award of the degree in Master of Computer Application.

Examiner 1

Examiner 2

Place: Goa University

Date: 15/06/2023

Dean, Goa Business School

Acknowledgement

First and foremost, I would like to thank the Goa Business School, Goa University, for giving me the opportunity to carry out an internship and acquire real-world industrial experience. And a special thanks to Prof. Hanumant Redkar and teaching and non-teaching staff of the Goa Business School.

I would like to thank Parallel Process LLP & IMS CAD CENTER for allowing me to do this internship and considering me capable to work on such projects.

I am also grateful to the members of my team especially for all the help and encouragement which helped me in this project. I would like to express my special gratitude and thanks to Parallel Process LLP & IMS CAD CENTER employees for giving me such attention and time.

I have not mentioned names of the employees who have helped me during this internship, but the absence of their names does not show the absence of my gratitude for their support

Table of Contents

Introduction	1
Company profile	2
My contributions	4
OverView	5
Tools and Technologies Used	7
Screenshots	11
Internship Timeline	13
My reflections/experiences of internship	14
References	15

Introduction

This internship report describes the several tasks/assignments carried out for 3 months in Parallel Process LLP and 2 months in IMS CAD CENTER, full time Internship period by Ms. Sweta Naik which commenced on the 2nd January 2023 at Parallel Process and on the 2nd April 2023 in accordance with curriculum of the VI semester Industrial Training of the MCA programme, Goa University, Goa.

In the following chapters a small description of the company, the technologies studied, and tools used during the internship, and other mini-tasks I have done during the internship. Finally, my experience with the company during the internship is described.

Company Profile

Name of Company	Parallel Process LLP
Founder of Company	Mr. Max Menezes
Address of Company	720, Gera Imperium Grand, Patto, Panaji Goa - 403501, India
Email id	info@parallelprocess.in
Website	https://parallelprocess.in/

Parallel Process is a Software Development and Consultancy startup based in Goa, India.

The company is

- Energetic young team, focused on results
- Diligent, smart, and efficient
- Flexible and scalable
- Profitable and financially stable

The company strives for excellence, constant skill up-gradation, delivering projects within budget and timeline.

Company Profile

Name of Company	IMS CAD CENTER
Founder of Company	Mr. Pankaj Gaonkar
Address of Company	3rd Floor, Patto Center Building, above Kotak Bank ATM Panjim, Goa 403001
Email id	help.ims@gmail.com
Website	https://imscadcentre.com/

IMS CAD CENTRE Is A Leading HRDF- Directorate of Skill Development & Entrepreneurship Affiliated & ISO Certified CAD Training Institute Providing Professionals And Engineers With The Complete Proficiency On CAD/CAM.

They Have Mentored Countless Students & Professionals To Upgrade Their Innovation Ability Through Various CAD/CAM Tools. As A Design Institute Our Aim Isn't Just To Create An Individual With Strong Theoretical Command But To Expertise A Professional With Experiential Knowledge About Industrial Design Tools, Which Will Help The Candidate To Take An Edge In Industry 4.0.

From 2004, IMS CAD CENTRE Is “*Nurturing Talents And Impacting Lives* “, Through CAD/CAM.

My Contribution as UI Developer

My designation in the company was to handle UI Development for Web Application using ASP.Net Core

1. To make the pages responsive.
2. To provide validations wherever input fields in the entire module.
3. New approach to generate and download reports.
4. Created a new UI for some of the reports to download.
5. To upload images and signatures when filling the form.
6. To change the background color of some text fields in the form.
7. To create a dashboard.
8. Changing color and logo.
9. To hide and unhide some of the textboxes and options.
10. To upload the tasks which are done on gitlab and updating the jira board

Overview

My Internship Period of Six months has been amazing which taught me a lot about the Information Technology industry. Last five months in this Company have been truly an amazing and great experience to work in such a well maintained, disciplined and reputed workspace. This was my step into Corporate Life. It was a completely new environment where I first encountered the transaction between student life and industry life with new roles and responsibilities. Initially it was hard adapting to a very new place but slowly I got settled very well. The work environment is so casual & friendly that it feels so comfortable. I'm very much thankful to my mentor and team lead who have helped me with many technology related doubts as well as industrial doubts. I was always curious about how the actual project development takes place which I got to experience here. Also learnt that learning and keeping ourselves up-to-date with new technologies is as important as working on any technology. As my internship draws to a close and I reflect back on all I have learned, I realize what an excellent experience this has been. I gathered much knowledge in the classroom, but a hands-on approach has been invaluable. It has served as a beneficial ending to my formal education. In my opinion, the best way to learn is by doing. I am truly grateful for this opportunity. I know this will help when looking for jobs and needing references. We all know that practical experience is the best, and internships give students that hands-on experience they need. I feel

that quality internships are essential to develop key skills that you can't get in a classroom. Skills such as multitasking, task management, communicating, learning to deal with diversity, and dealing with deadlines are different when you are working for someone else. It is amazing to see how people from different regions stay as one family and work together.

Appreciation is what it takes for keeping us motivated and I was constantly being appreciated for completing the task which was assigned to me. The biggest skill that was enhanced during the internship was the ability to adapt and learn. This internship has given me insights into the software world and how things actually work in the industry. The internship has been very technical and has improved my technical knowledge tremendously. I got a chance to communicate with professionals who motivated me to achieve a better understanding and knowledge of the domain, technology as well as industry related environment. To conclude, this internship has inspired me to pursue a career in the field of software development technology and to excel in it. It was a great learning experience and I consider myself honored for being a part of Parallel Process LLP & IMS CAD CENTER.

Tools and Technologies Used

HTML 5

HTML5 is a markup language used for structuring and presenting content on the World Wide Web. It is the fifth and current version of the HTML standard. It was published in October 2014 by the World Wide Web Consortium (W3C) to improve the language with support for the latest multimedia, while keeping it easily readable by humans and consistently understood by computers and devices such as web browsers etc.

CSS 3

Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language. Along with HTML and Javascript, CSS is a cornerstone technology used by most websites to create visually engaging web pages, user interfaces for web applications, and user interfaces for many mobile applications. CSS is designed to enable the separation of presentation and content, including layout, colors and fonts.

Bootstrap

Bootstrap is a free and open-source CSS framework directed at responsive, mobilefirst front-end web development. It is a framework to help you design websites faster and easier. It includes HTML and CSS based design templates for typography, forms, buttons, tables,

navigation, modals, image carousels, etc. It also gives you support for JavaScript plugins. Advantages of Bootstrap are Easy to use, Responsive features, Mobile-first approach and Browser Compatibility.

Javascript

Javascript is a high-level, dynamic untyped and interpreted programming language. Alongside HTML and CSS, it is one of the three core technologies of world wide web content production. The majority of the websites employ it and it is supported by all modern Web browsers without plugins. Javascript is prototype based with first class function, making it a multi-paradigm language, supporting object oriented, imperative and functional programming styles. It has an API for working with text, arrays, dates and regular expressions, but does not include any I/O, such as networking, storage or graphics facilities, replying for these upon the host environment in which it is embedded.

GitLab

GitLab is an open source code repository and collaborative software development platform for large DevOps and DevSecOps projects. GitLab is free for individuals. GitLab offers a location for online code storage and capabilities for issue tracking and CI/CD.

Jquery

Jquery is a fast, small, and feature-rich JavaScript library. It makes things like HTML document traversal and manipulation, event handling, animation, and Ajax much simpler with an easy-to-use API that works across a multitude of browsers. With a combination of versatility and extensibility, jQuery has changed the way that millions of people write JavaScript. The jQuery library contains the following features:

- HTML/DOM manipulation
- CSS manipulation
- HTML event methods

Kendo

Kendo UI is a bundle of four JavaScript UI libraries built natively for jQuery, Angular, React and Vue. Each is built with consistent API and theming, so no matter what you choose, your UI will be modern, responsive, accessible and fast.

DevExpress

DevExpress (Developer Express) is a software development company based in the United States. It produces coding assistance tools and components for Delphi, C++ Builder and Microsoft Visual Studio developers. The major part of its product line is VCL, .NET WinForms and ASP.NET components that replicate the UI of Microsoft Windows and Microsoft Office applications. DevExpress has won many industry awards for its products.

MongoDb

MongoDB is a document database with the scalability and flexibility that you want with the querying and indexing that you need

- MongoDB stores data in flexible, JSON-like documents, meaning fields can vary from document to document and data structure can be changed over time
- The document model maps to the objects in your application code, making data easy to work with.

Jira Board

A Jira project houses the collection of all issues that need to be completed to achieve a particular goal. A Jira board, on the other hand, is the tool used to manage those issues as they move from creation to completion.

Screenshots

This is a jira board where the tasks were assigned to us.

Projects / VesselProfiler / VP board

Kanban board

Search this board

MM GS PB SP SN

Only My Issues Recently Updated

BACKLOG 2	SELECTED FOR DEVELOPMENT 0	IN PROGRESS 3	PENDING DEPLOYMENT 7
Corrections to All - Reports VP-116		Level 2 Investigations - Report VP-63 SN	BBS - Report VP-33 SN
Overall Web Page VP-123		VP-94 Corrections to All - Dashboards Export Function VP-126	Job Safety Analysis (JSA)- Report VP-66 SN
		VP-123 Overall Web Page Side panel images VP-128 SP	Document Change - Report VP-6 GS
			Incidents Records - Report VP-27 GS
			Corrective Action Plan - Form VP-86
			VP-116 Corrections to All - Reports Formatting of Report VP-117
			Cascade effect for side table VP-129 SP

optimile

Search (ctrl + "/" to focus)

Q

Main dashboard

Business Entities

Guidelines

Tariffs

Scenarios

Work Scopes

Enquiries

Pricing

Quotations

Job Orders

Master Data

Reports

Administration

Add Scenario

Scenario Name

Customer

Shipping Country

Destination Country

Shipping Port

Destination Port

Commodity

Cargo Type

Measure System

Billing Currencies

Metric

Branch Code

Description

Pre-Carriage

Moves

Stops

Services

Main-Carriage

Moves

Stops

Services

On-Carriage

Moves

Stops

Services

Activities

Add Activity

Master Name	Place	Est Date
-------------	-------	----------

12

Internship Timeline

My internship at Parallel Process LLP was for 3 months. Where I worked has a UI Developer.

My internship at IMS CAD CENTER was for 2 months. Where I worked as a software engineer & educator.

Experiences of internship

Internship provided me with valuable opportunities to learn and gain practical experience in a specific field. Got to learn new skills, tools, and techniques. Internship offered a chance to develop professional skills such as communication, teamwork, time management, and problem-solving. I even got to work on live projects where I was able to apply the knowledge that I have gained in a practical setting and contribute to the company's goals.

References

1. <https://www.w3schools.com/>
2. <https://docs.devexpress.com/>
3. <https://www.telerik.com/kendo-ui>
4. <https://www.javatpoint.com/>
5. <https://www.geeksforgeeks.org/>
6. <https://stackoverflow.com/>
7. <https://www.tutorialspoint.com/index.htm>
8. <https://www.youtube.com/>
9. <https://getbootstrap.com/>
10. <https://mdbootstrap.com/>