Tech Saksham

Final Project Report

Full Stack Web Development

“Personal Portfolio Website”

“RGUKT IIIT RK-Valley”

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ABSTRACT

This Personal Portfolio Website project is based on Web Development. This is developed by using HTML5, CSS and ReactJS. Code Editor used for this project is Visual Studio Code (VS Code). It displays the professional background of an individual. It displays brief information about work experiences till date, education, skills and contact details along with social media links. All the elements are rendered distinctively on the website

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CHAPTER 1

INTRODUCTION

Personal Portfolio Website provides brief information about the professional background of an individual. This project contains files like HTML, JavaScript, JSX, SCSS. This HTML file is for creating markup of the application on web and added a proper functionality to this html file by JavaScript (ReactJs). By using this JavaScript developed a frontend page on web. Then SCSS file is used to provide more style to the website. On the backend used by Sanity Studio which is an open- source headless real-time CMS, that we can customize with JavaScript and React.

1.1 OBJECTIVES

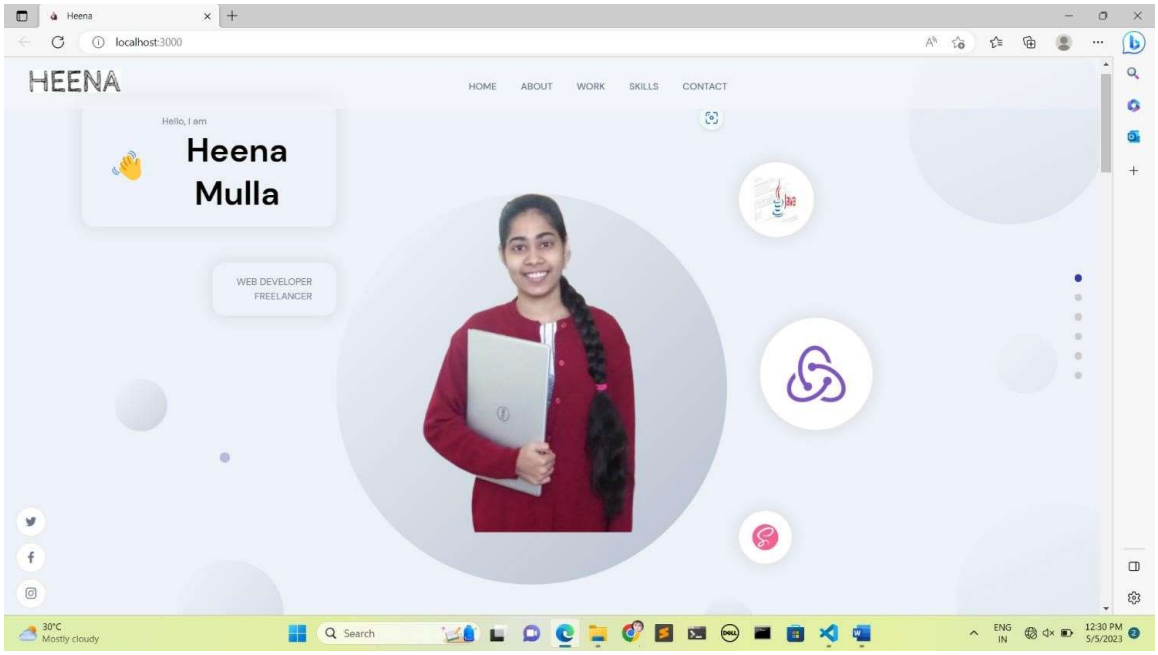
1.1.1 Elements rendered distinctly

1.1.2 Brief information about :-

- Work experience
- Education
- Skills
- Contacting ways

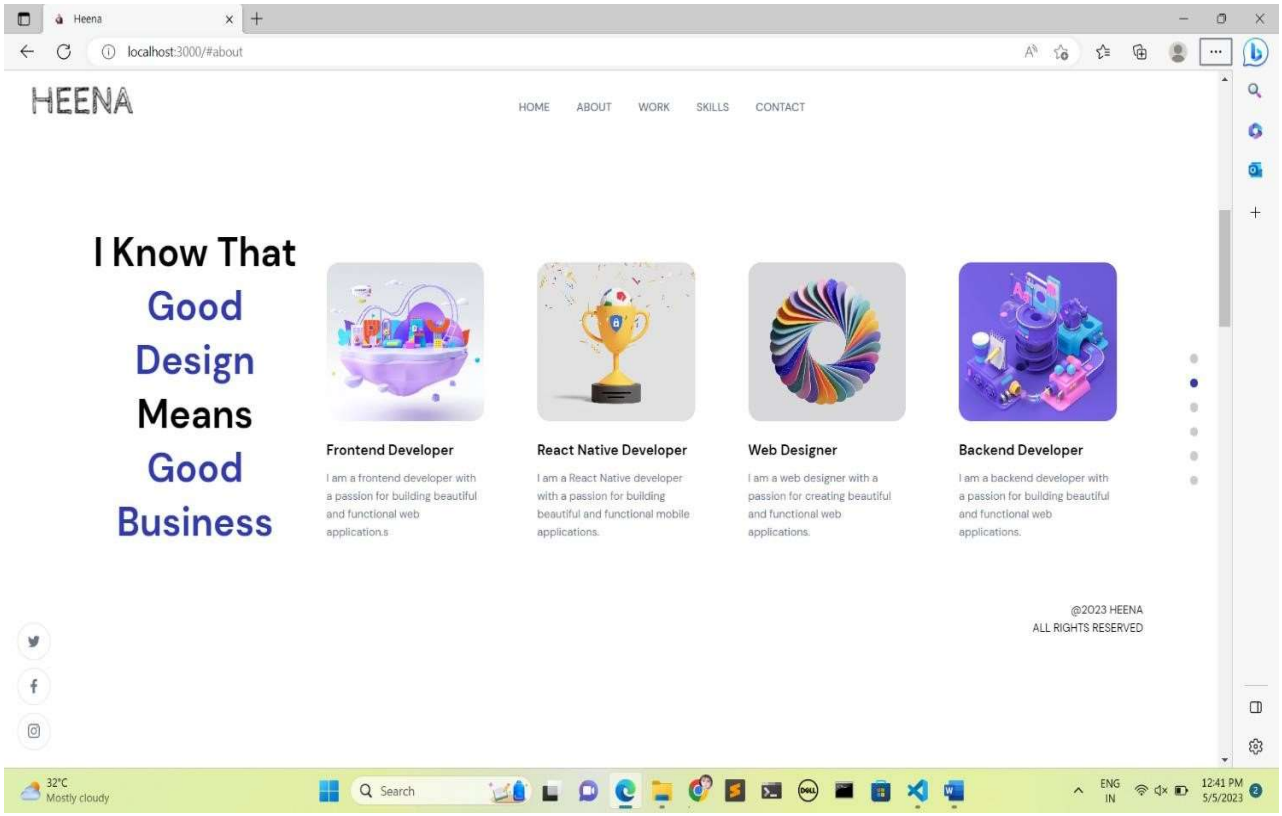
1.2 HOME SECTION

It displays my name, my current work status, what technologies I know, my photo also visible and where I am from. On the top it also has navigation bar which display other tabs of my website and my social media details shortcuts on the bottom left which helps to contact me.



1.3 ABOUT SECTION

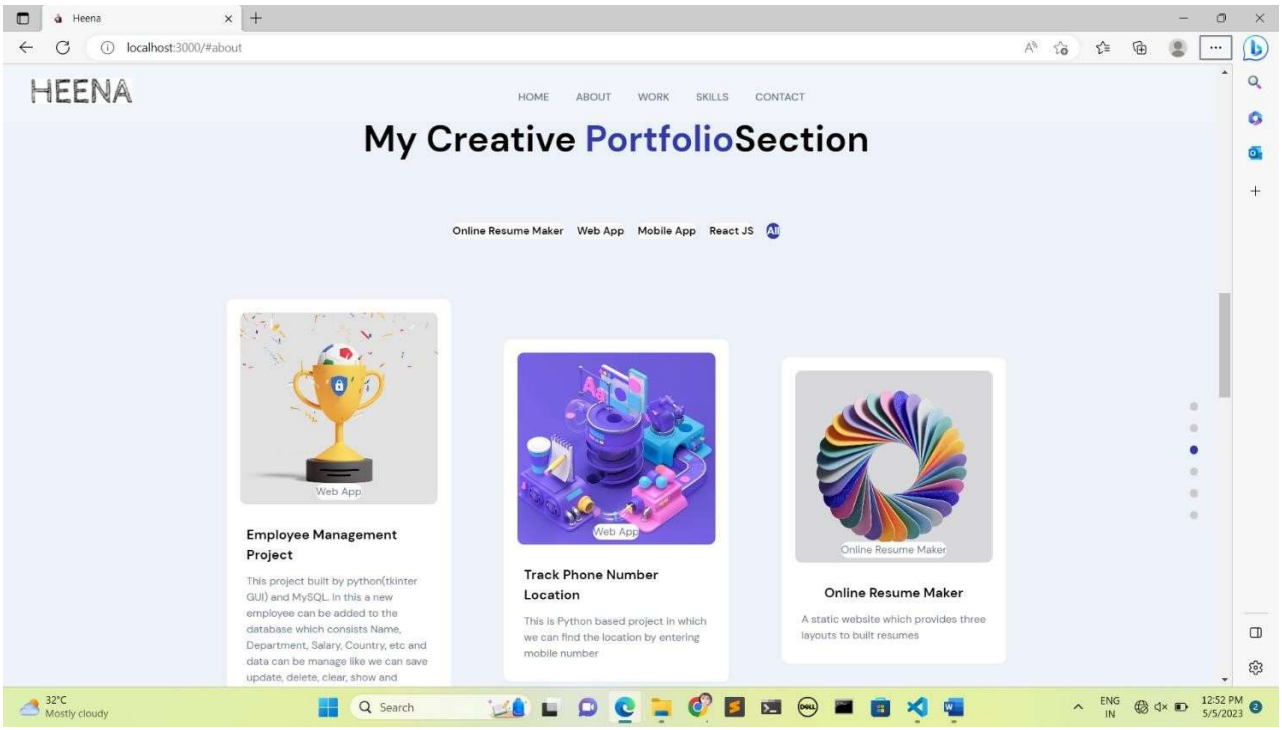
It displays by starting with a quote and it displays a quick introduction for me like what technologies I know. Navigation bar has sticky property which make visible even after scrolling down



1.4 WORK SECTION

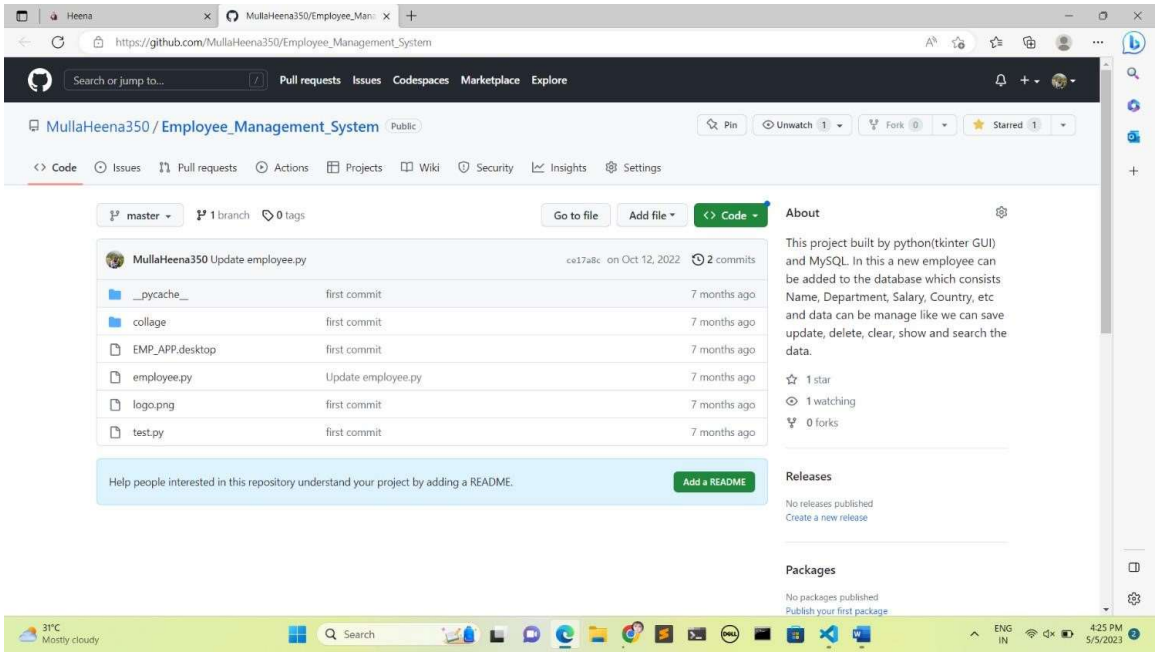
This section displays my projects which I have done on different technologies.

By clicking on that technology it will navigate to my Git Hub account and in that it will display that particular technology project.

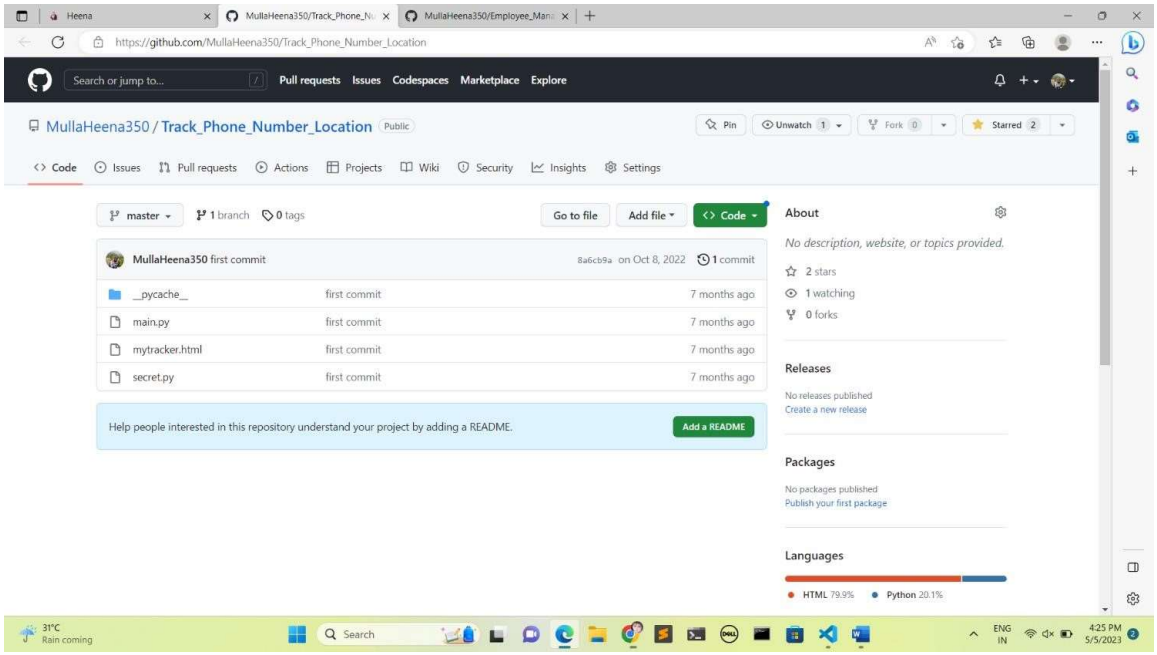


When I click to my Projects link it will navigate to My GitHub Account below are the images :

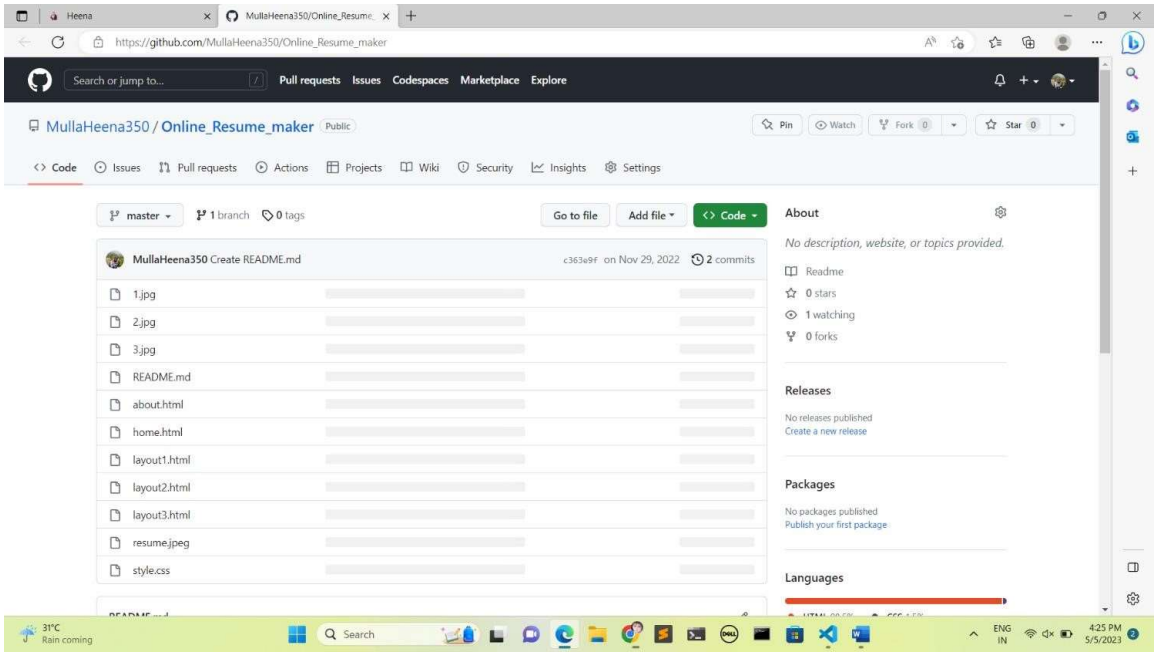
Project 1:



Project 2:

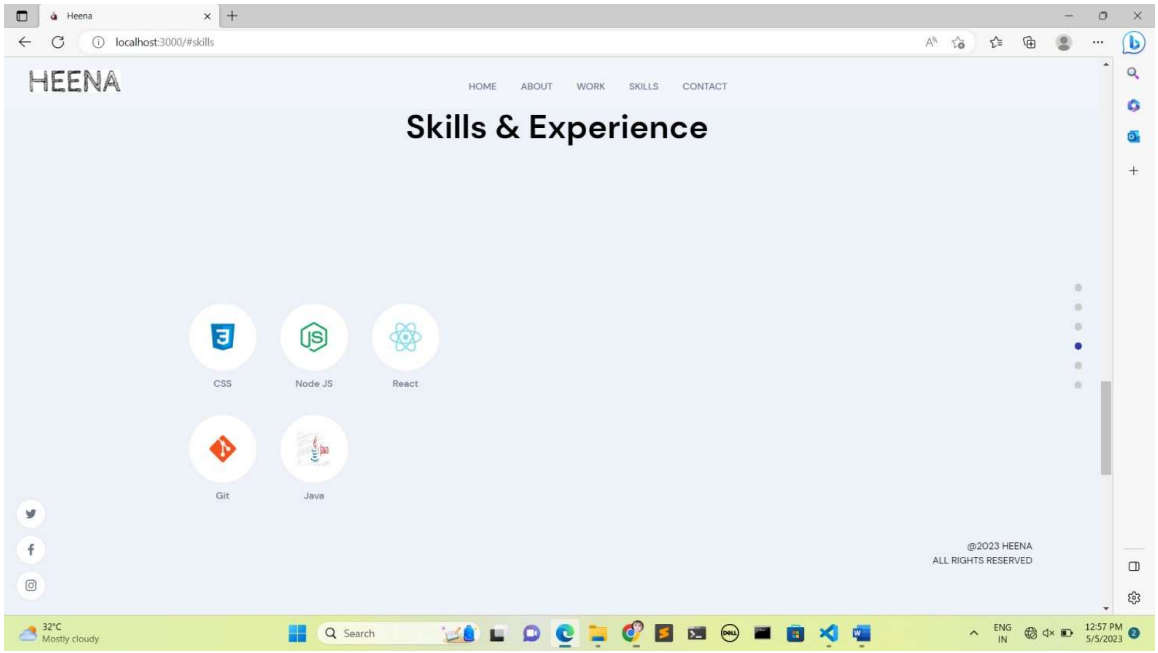


Project 3:



1.5 SKILLS SECTION

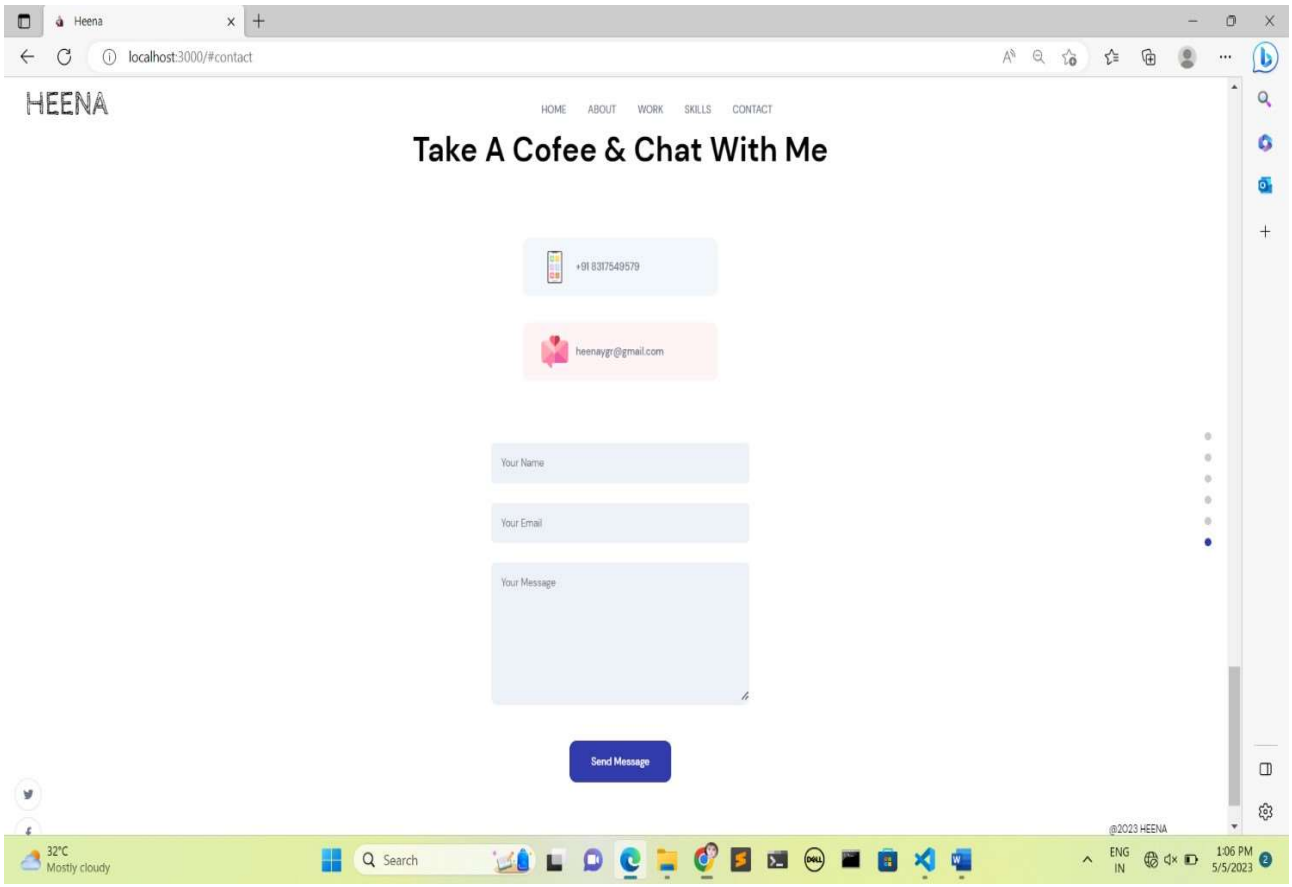
In this section my technical skills with my technical proficiency displayed as percentage for each technology and my current work experience.



1.6 CONTACT DETAILS SECTION

This section has all the links listed below:

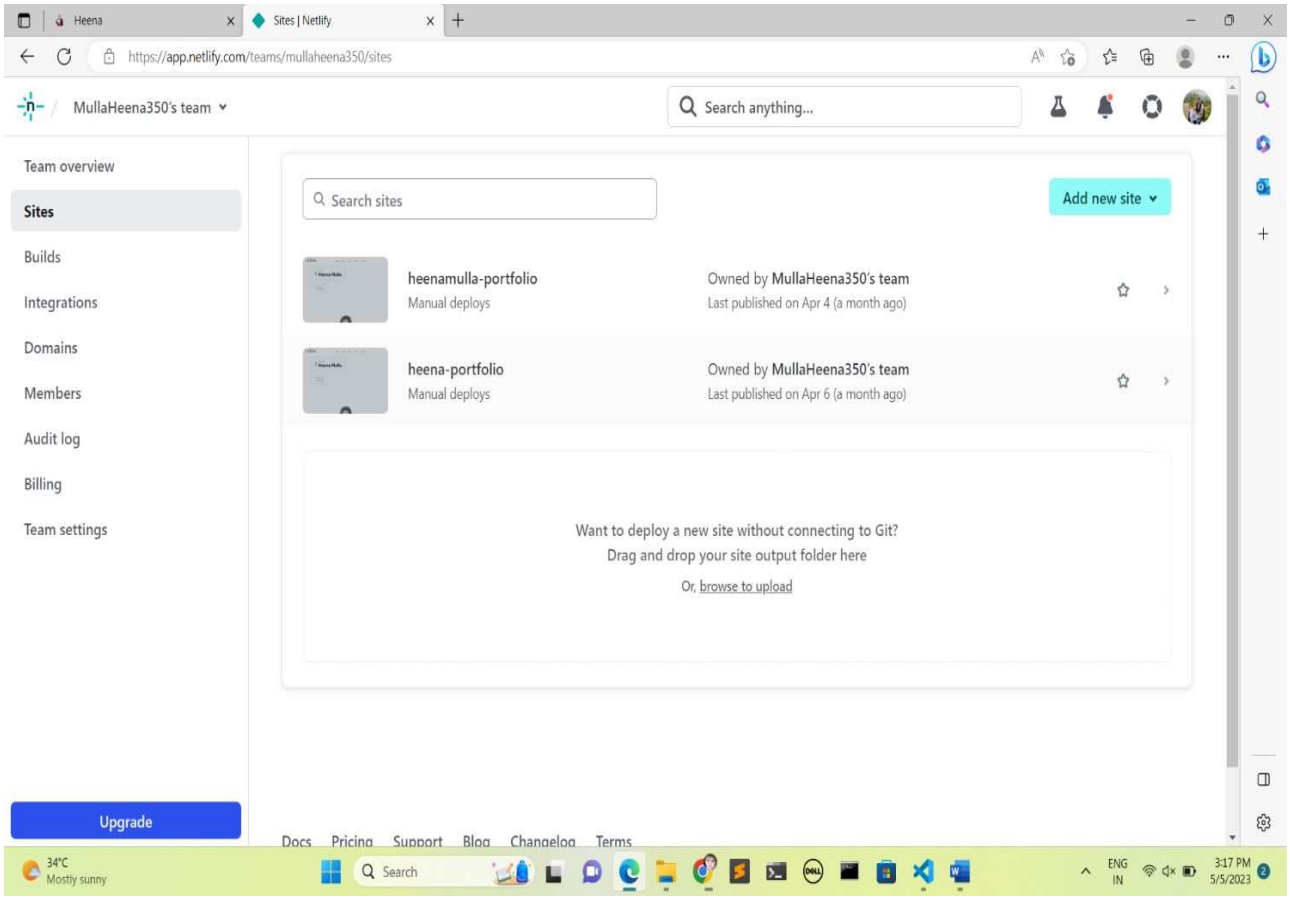
a. What's app
b. Call
c. Mail
d. Message Box
e. Linked In
f. Instagram



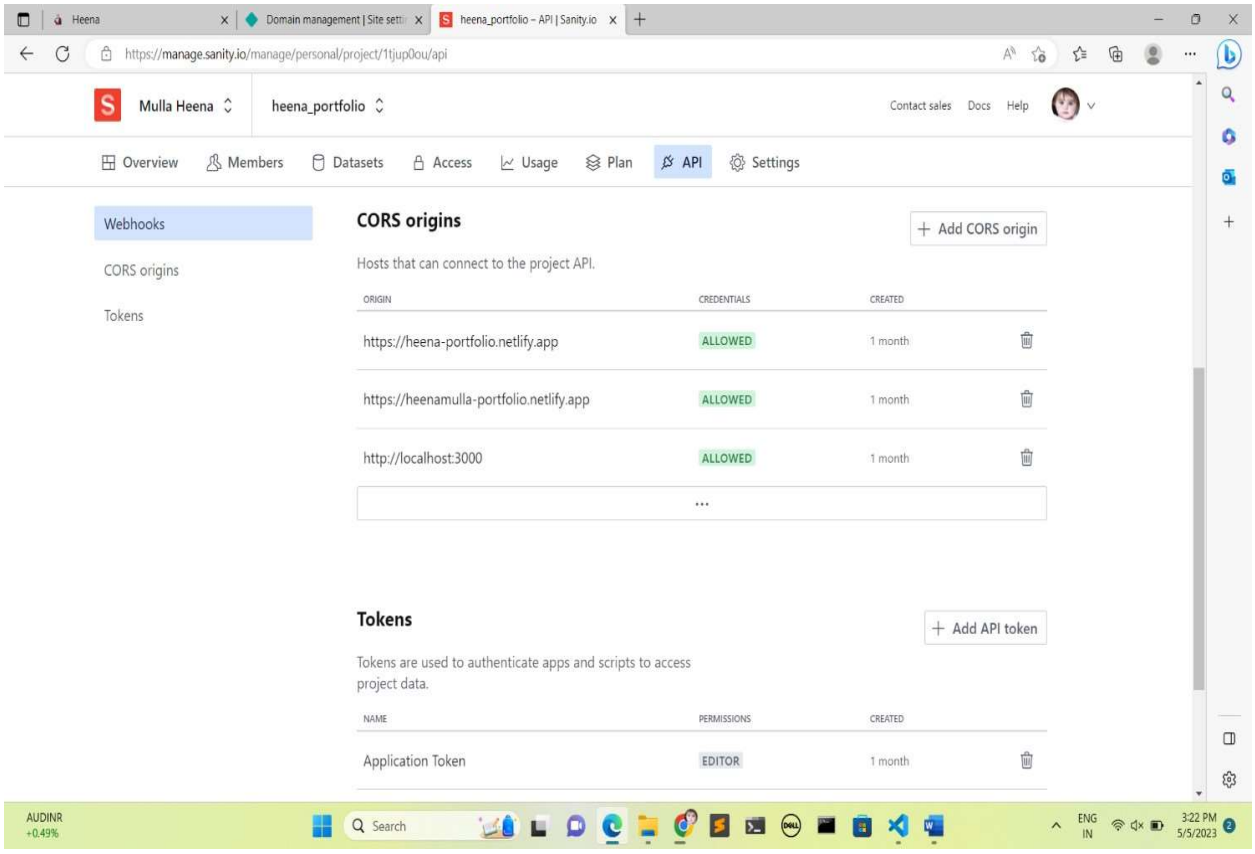
CREATING UNIQUE ID TO USE THIS PERSONAL PORTFOLIO

First of all have to open Netfly.com and have to login with credentials next have to click sites which is present at left portion of this website there we have to upload our build

which contains our project code. Next we have to go to domain setting to keep unique name for our personal portfolio website project. And after creating a name or domain then need to copy that unique name for further process.



After we need to keep that copied domain name into API's section of sanity studio management. We have to click to Add CORS origin and need to allowed after that we can use that link anywhere.



CHAPTER 2

SERVICES AND TOOLS REQUIRED

Code Editor I used for this project is VS Code. It is used to code complex pieces of programs and to develop complex projects. Further technologies I used for this project are HTML, SCSS, JavaScript and Sanity Studio.

2.1 HTML5

It is the code for creating web pages, using tags and other commands that a browser reads and converts into normal web pages that people see.

2.2 SCSS

It is basically a more advanced and evolved variant of the CSS language. This is stands for the Sassy Cascading Style Sheets. It also referred to as Sassy CSS due to its advanced features.

2.3 JS

JavaScript is a text-based programming language used both on the client-side and server-side that allows you to make web pages interactive. It gives web pages interactive elements that engage a user.

2.4 ReactJS

It is used for building interactive user interfaces and a web applications quickly and efficiently with significantly less code than you would with vanilla JavaScript.

2.5 SANITY STUDIO

Sanity Studio is a real-time collaborative application for content creation. It's opensource and connects to the hosted Content Lake. Sanity Studio was recently released in a new major version(v3).

CHAPTER 3

PROJECT ARCHITECTURE

3.1 Architecture

USER **FRONTEND** **BACKEND**

14.0

ReactJS
NODEJS

Database

CHAPTER 4

ARCHITECTURE BLOCKS DETAIL WORKING

This Personal Portfolio Website project is based on Web Development. This is developed by using HTML5, CSS and ReactJS. Code Editor used for this project

is Visual Studio Code (VS Code). It displays the professional background of an individual. It displays brief information about work experiences till date, education, skills and contact details along with social media links. All the elements are rendered distinctively on the website.

Significance of personal portfolio is that it presents your work that represents your performance and skills as well as strengths and weaknesses. The culmination of work that it represented in a portfolio allows peers, mentors, and potential employers to get an understanding of you as student, your passions and your work.

CHAPTER 5 PROJECT

BUDGET

Sr. No	Cloud Services and Coding Cost	Single Price (Rs)	Total

		Total	

CONCLUSION

At last I conclude, I have developed a beautiful and basic Personal Portfolio Website using HTML5, SCSS, JavaScript (ReactJs) using VS Code as IDE which I would like to continue this personal portfolio website for future purposes. And I want to show my technical skills and my achievements to the world. For future to manage this portfolio it would be easy for me because I have used Sanity Studio

which makes easy for uploading any files, images and anything description, title, etc.

REFERENCES

- Techsaksham:

  Introduction to Web Development, by Poova Raghavan- They taught all the three languages HTML5, CSS and JavaScript thoroughly.

- Stack Overflow: How to connect Sanity to Reactjs.

- W3 School: How to give all social media and contacting links.

CODE Git Hub Link to see this project

https://github.com/NandiniRayavarapu/Personal_Portfolio_Website