

PROJECT REPORT

IIITL Alumni Portal

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Abstract

IIITL Alumni portal is created keeping in mind the juniors facing difficulties as well as alumni as there was no common portal where students can see interview experiences of their seniors and seniors faced too much difficulty in replying every student same question so we decided to create a common, our portal offer several features such as -

- 1.) A common posting page where alumni can post their interview experiences.
- 2.) We have provided google authentication security, as well as if a person doesn't want to use google we have created a separate sign up section with otp verification so that no one can spam .
- 3.) We also offer a profile section so that if someone wants to see all the posts of a particular person he/she would be able to do it.

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Introduction

IIITL Alumni Portal is designed to bridge the gap between 1st/2nd-year juniors and 3rd/4th-year seniors plus alumni of our college. It will help the younger students to get a glimpse of the journey ahead, bring clarity in present, and plan for the future.

Objective

Building a single platform capable of guiding the jumbled minds in our college. This platform aims to create a community of students within our college and exclusively for our college. Senior students/Alumni can share experiences about their internship, job, and preparation whereas younger buds can reach out to them and look up their pathways.

Problem Description

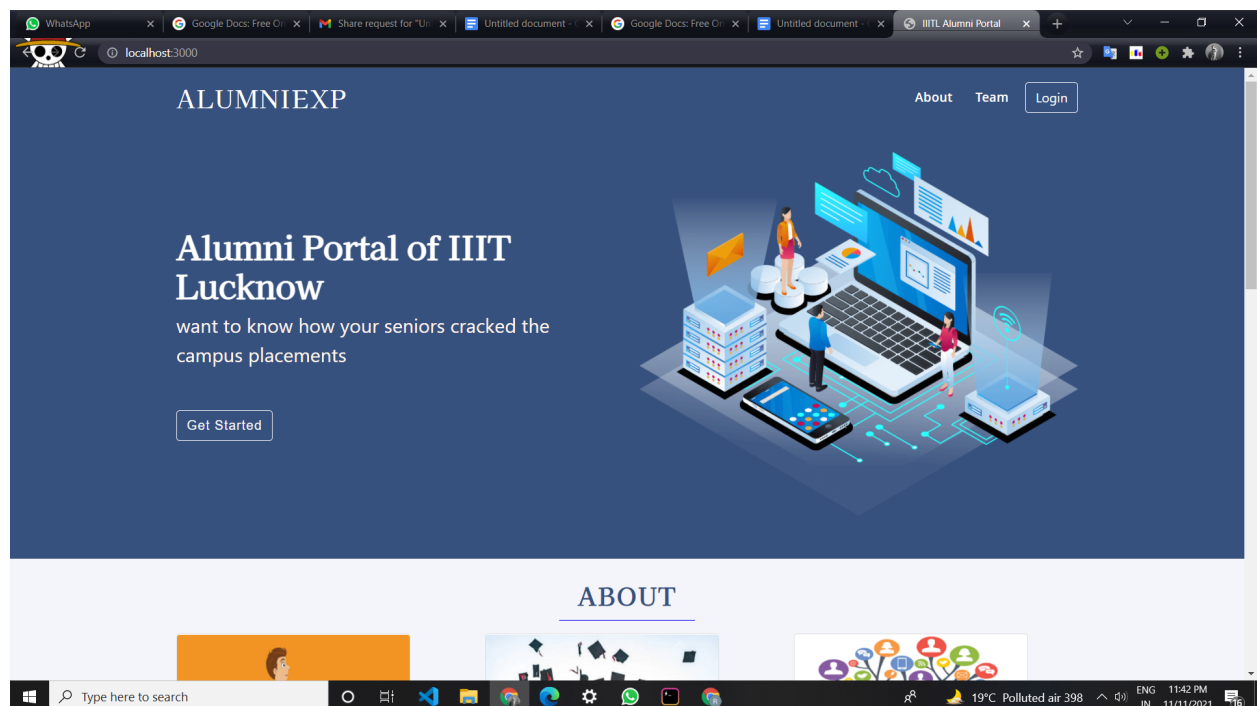
In our institute, many students are hesitant to ask for the interview experience of the seniors and what is the process of the interview and what are the resources used by the seniors which helped them to achieve their goals . There was no place where all the data of our seniors was stored and seniors might get frustrated replying to all the students the same set questions again and again.

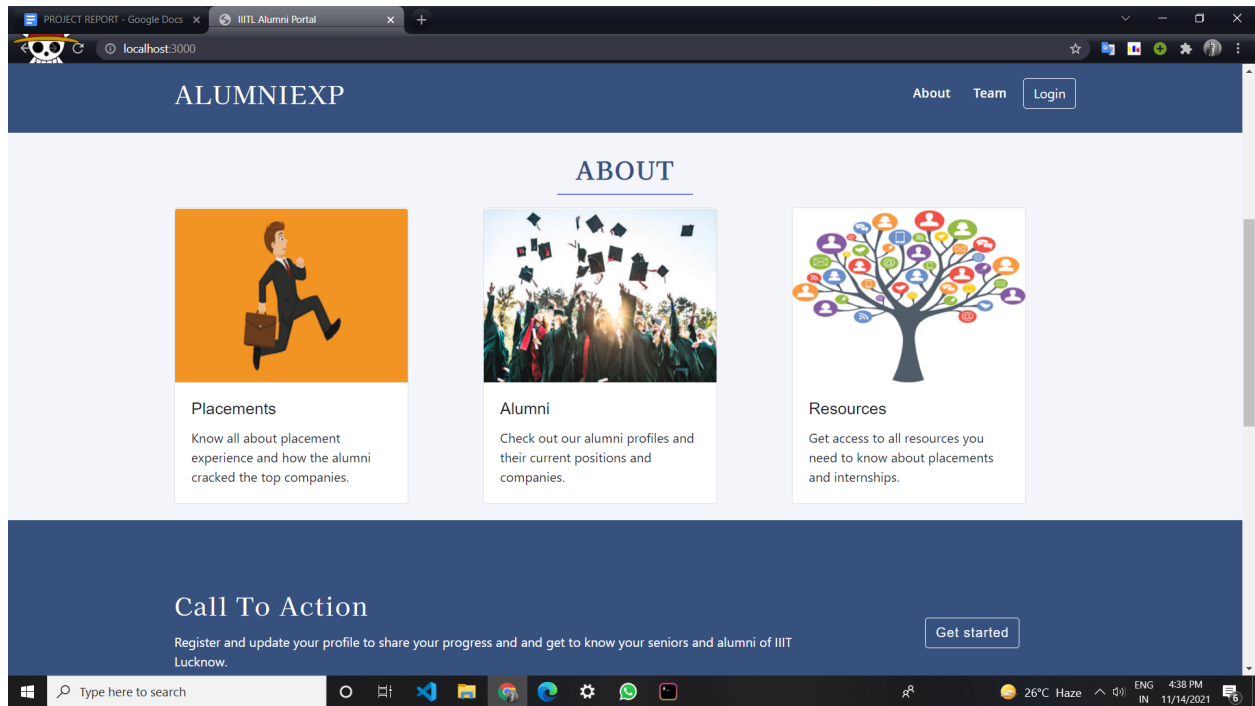
Solution Proposed

So our team thought to solve this problem by creating an Alumni Portal Which reduced the tedious work of alumni i.e. replying to each and every student they just have to post it once and then students of IIITL can easily get access to all articles where they can remain updated and be fully prepared to rock the interviews .

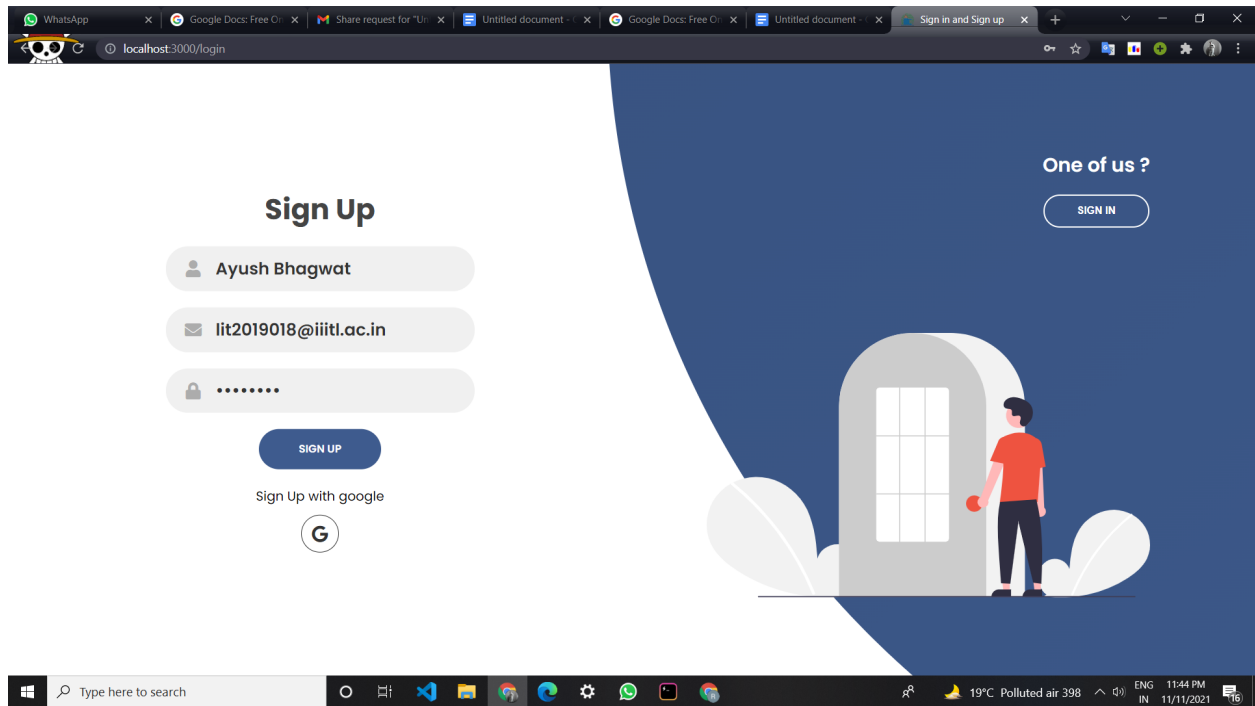
Demo

Main landing Page -

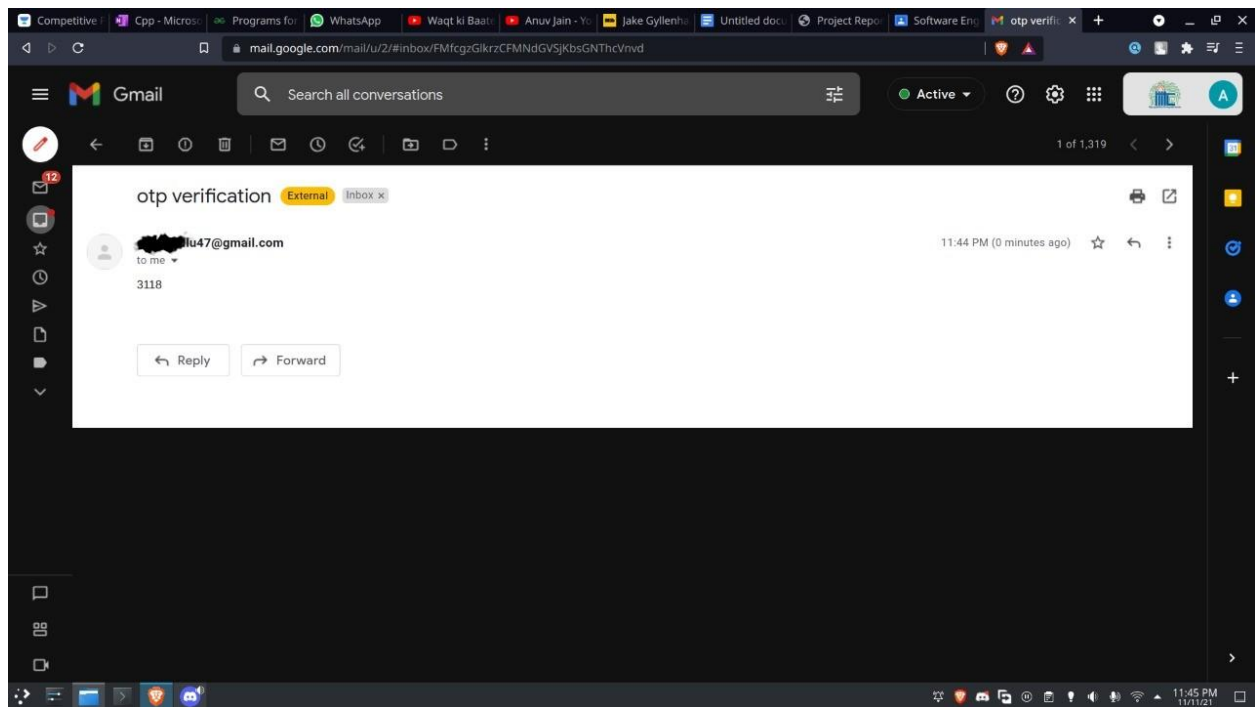


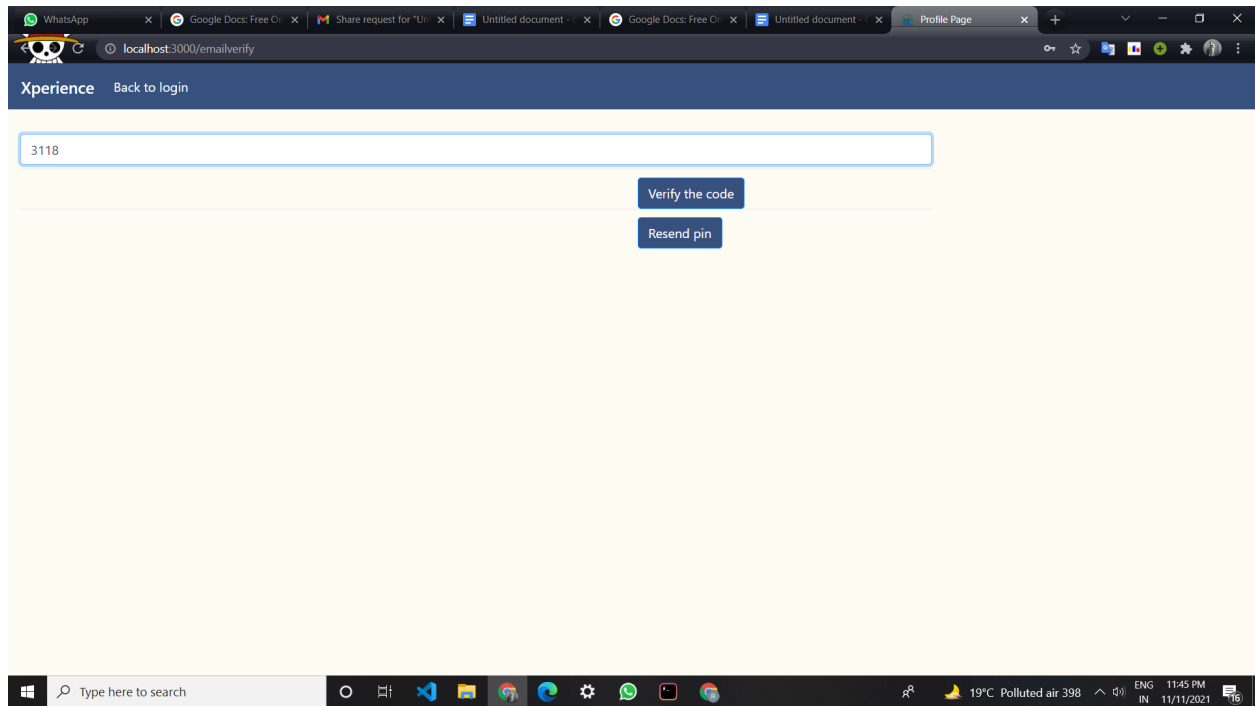


Signup page -

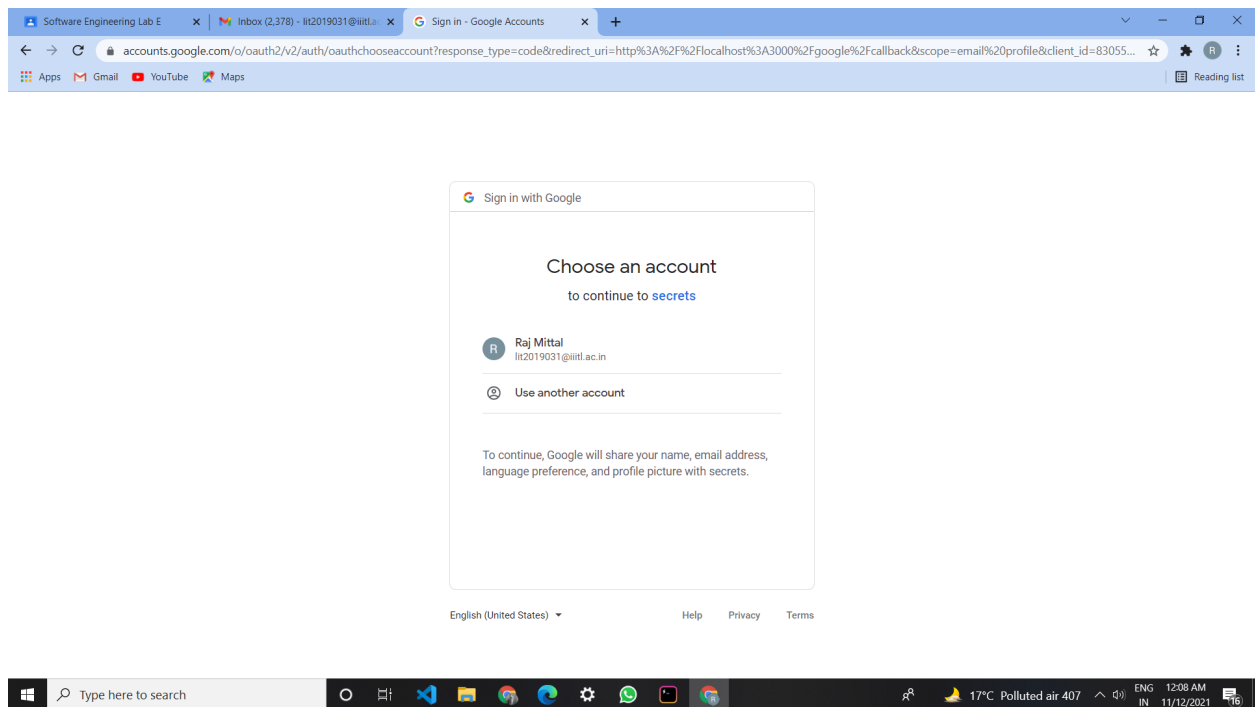


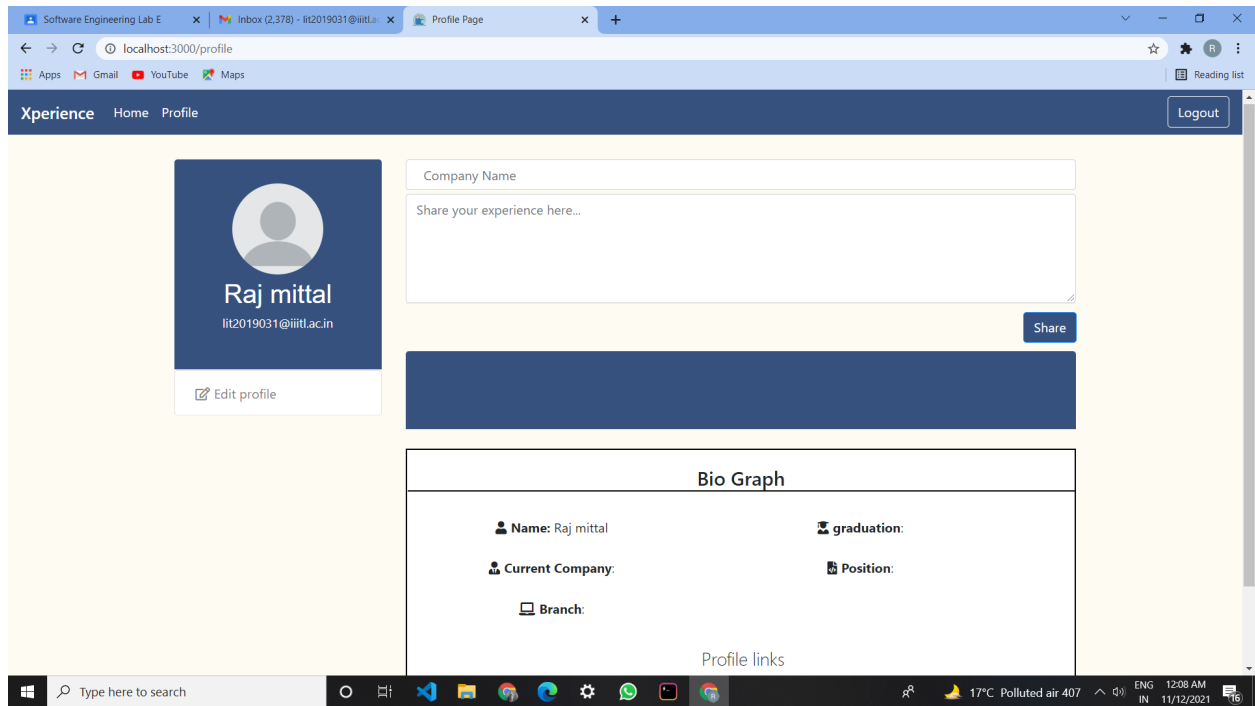
Otp verification -



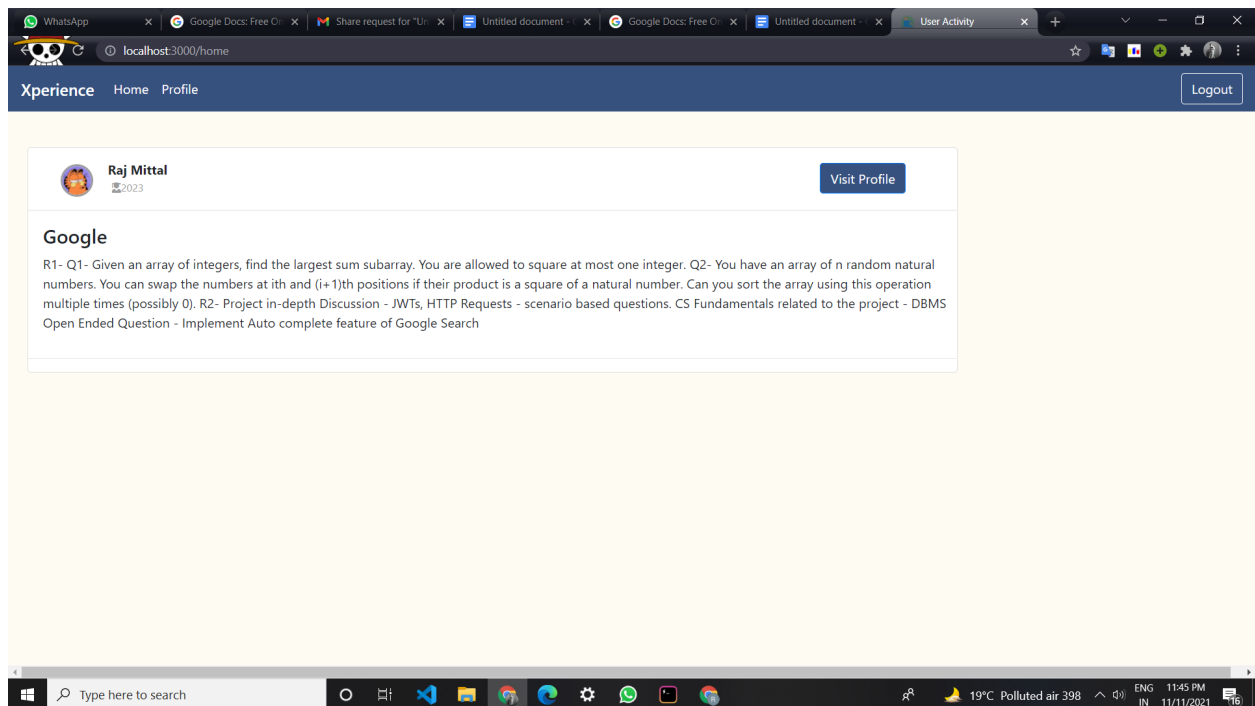


Google sign in -

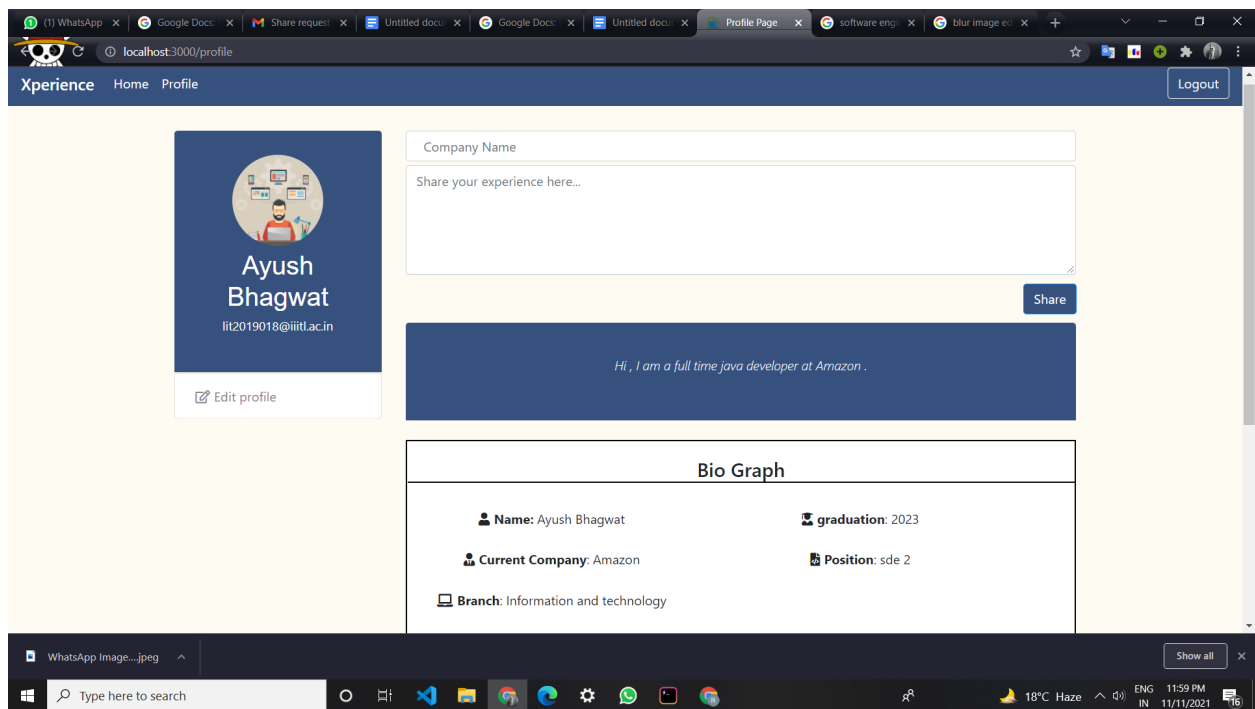
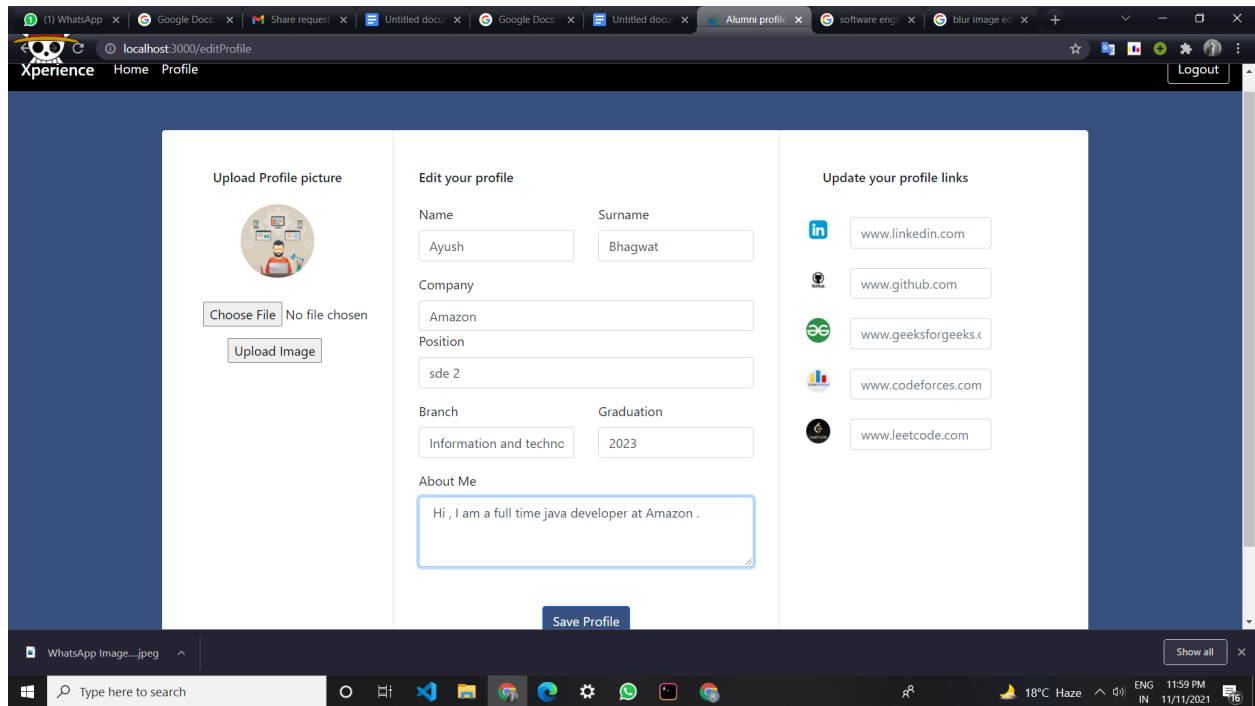




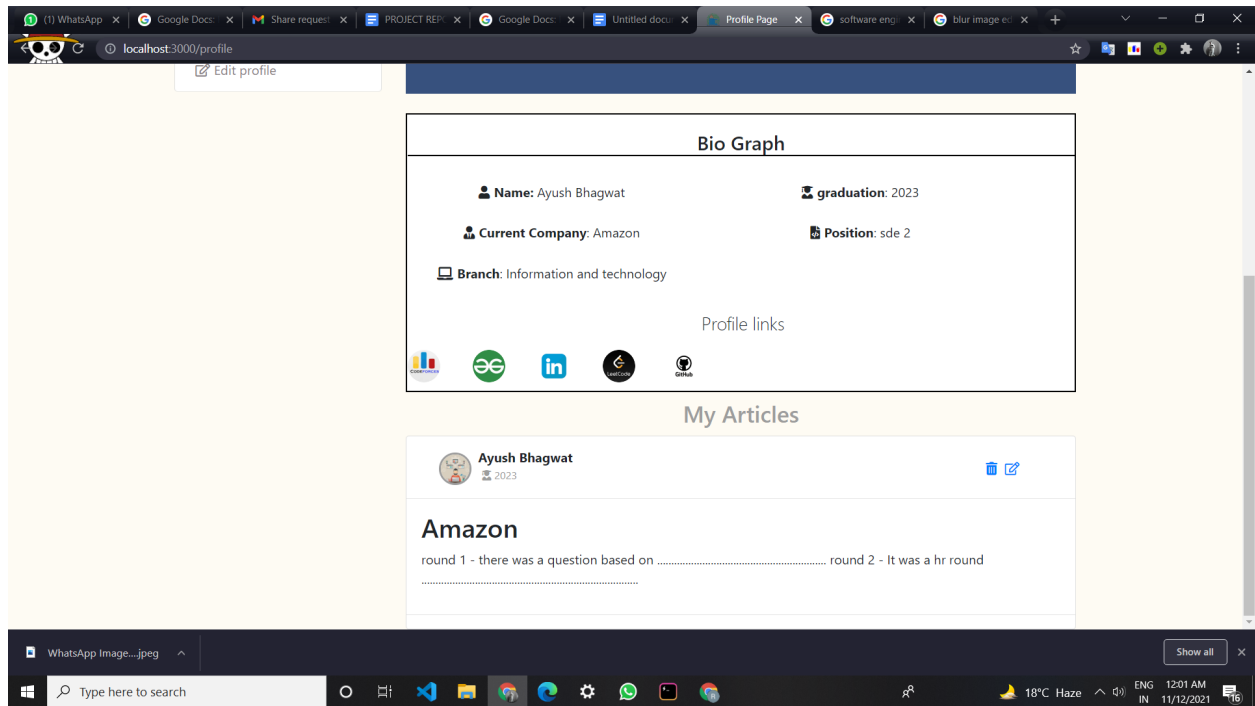
Home page (Here all posts are shown) -



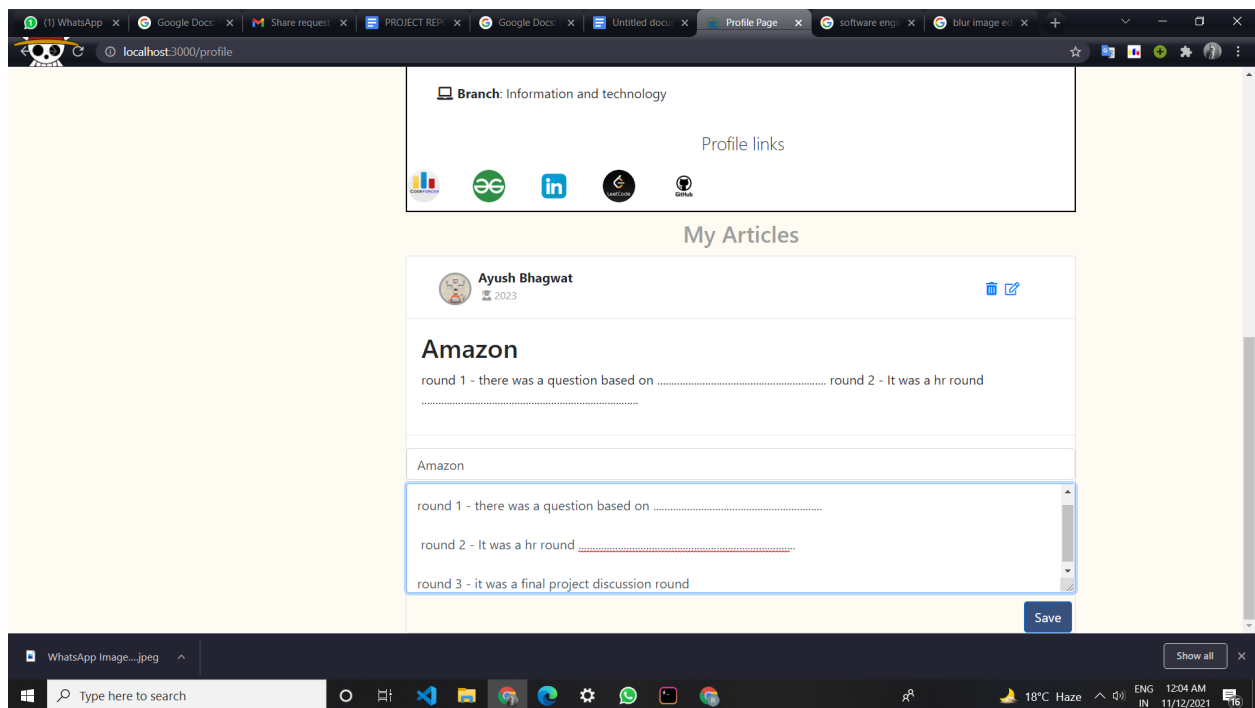
Edit Profile and view profile section -

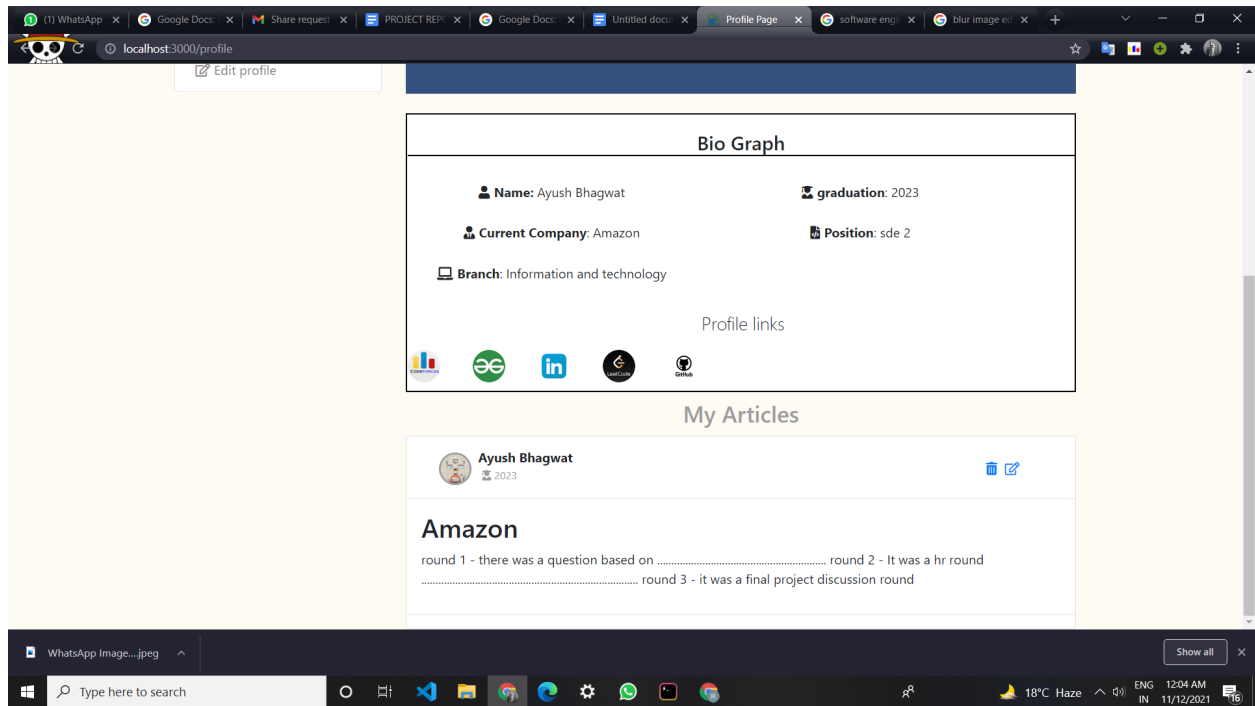


Sample article posting -

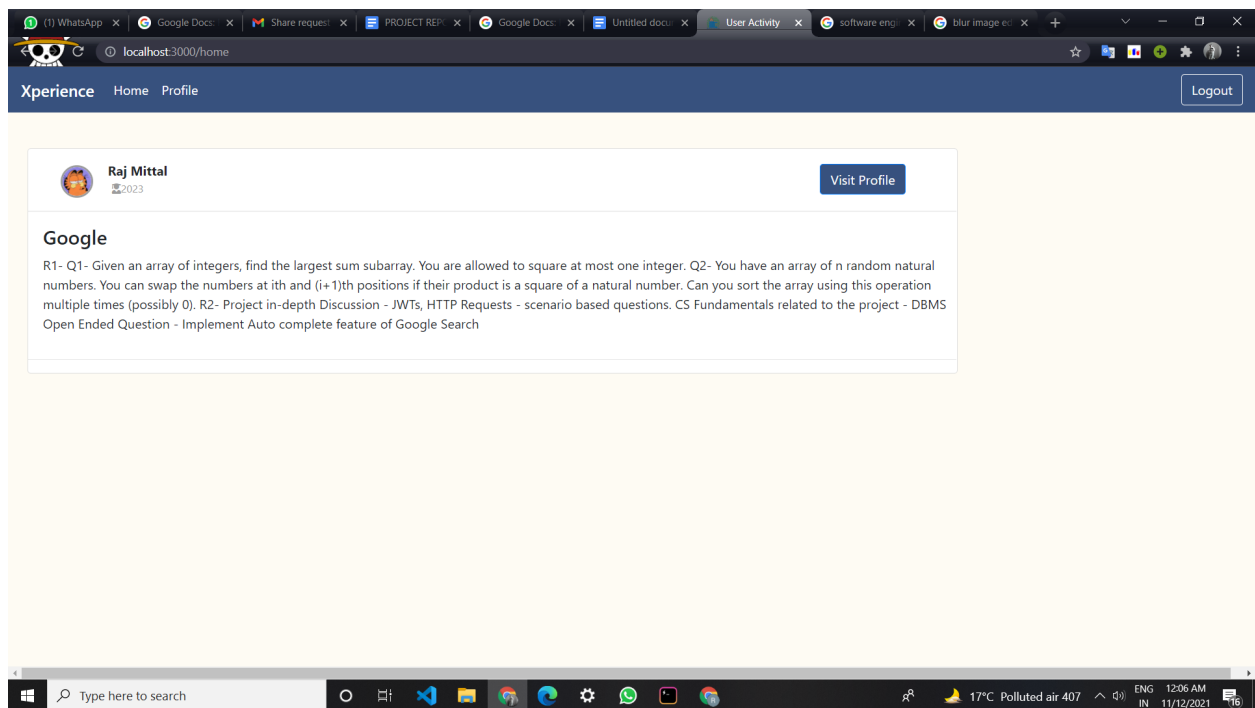


Edit post -





Delete post -



Technology Used

Front End - HTML , CSS , BOOTSTRAP , JAVASCRIPT

Back End - NODE.JS , EXPRESS.JS, EJS , MONGODB, MONGOOSE,
PASSPORT AUTHENTICATION

Detailed Instructions of Execution

STEP 1 - download all the files from the github and install all the node modules you just have to run this command `npm-install` in your terminal.

STEP 2 - After downloading all the files setup a mongoDB account and create a .env file and paste mongoDB access link in the DB section .

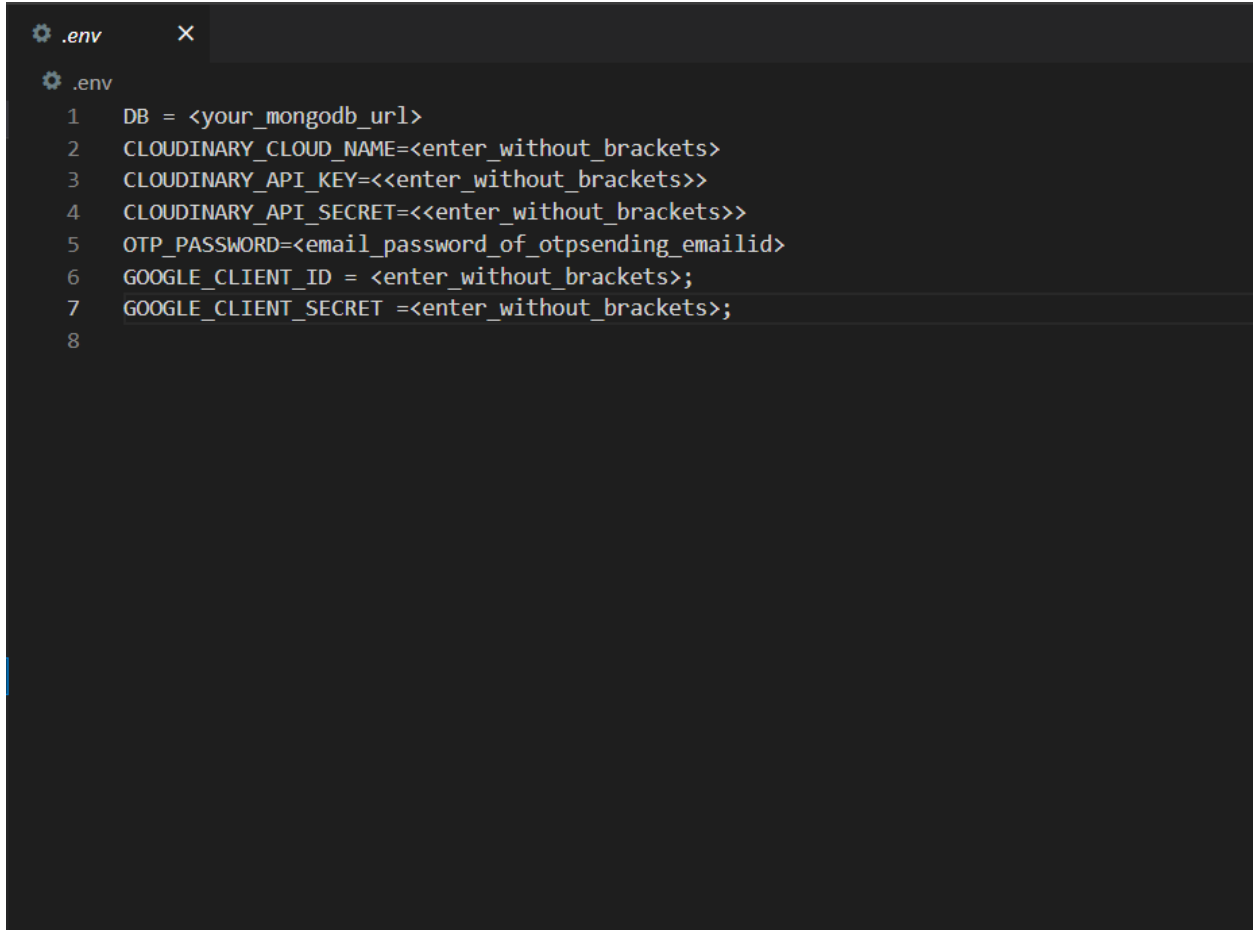
STEP 3 - Now go to cloudinary.com create an account and paste the
CLOUDINARY_CLOUD_NAME,CLOUDINARY_API_KEY,CLOUD
INARY_API_SECRET in .env file section below i have uploaded
the image how to do the same .

STEP 4 - Now create a secondary account which can sent otp to anyone you have to paste the email id in line no. 431 ,437 , 505 and 511

And in .env file section paste the email password as
OTP_PASSWORD.

STEP 4 - Go to google authentication api service create an account and paste client id and client secret in the .env file .

Here is the image of .env -

A screenshot of a code editor showing a file named .env. The file contains eight lines of environment variables, each with a placeholder for user input. The variables are: DB, CLOUDINARY_CLOUD_NAME, CLOUDINARY_API_KEY, CLOUDINARY_API_SECRET, OTP_PASSWORD, GOOGLE_CLIENT_ID, and GOOGLE_CLIENT_SECRET. The editor has a dark theme and a sidebar on the left showing the file structure.

```
.env
1 DB = <your_mongodb_url>
2 CLOUDINARY_CLOUD_NAME=<enter_without_brackets>
3 CLOUDINARY_API_KEY=<<enter_without_brackets>>
4 CLOUDINARY_API_SECRET=<<enter_without_brackets>>
5 OTP_PASSWORD=<email_password_of_otpsending_emailid>
6 GOOGLE_CLIENT_ID = <enter_without_brackets>;
7 GOOGLE_CLIENT_SECRET =<enter_without_brackets>;
8
```

STEP 5 - If you are with me up till now then you are good to go Just open powershell in your terminal and type **nodemon app.js** And in your browser type <http://localhost:3000/> and then this project will successfully work.

Conclusion

By this project we created a bridge between alumni and students for the betterment of their future. We faced many difficulties but it was a good experience we enjoyed and learned too much in this short journey and we are sure that this training will help us in our career .