Mukul Agrawal

7387812434 | aggymukul@gmail.com | linkedin.com/in/mukul-agrawal-2472b226b/ | github.com/mukulaggy

Summary

Passionate Computer Science student with hands-on experience in full-stack development, particularly with the MERN stack (MongoDB, Express.js, React, Node.js). Proven ability to develop scalable applications and improve user experience through problem-solving and innovative approaches.

Experience as an intern at Gemini Consulting & Services and Persistent Systems, where I contributed to building efficient client solutions and a hospital management system. Strong background in data structures, algorithms, and web development technologies.

Seeking to apply my skills in a challenging role in a dynamic organization that fosters growth and continuous learning.

Experience

Google Developers Group On Campus, PCCOE   **September 2024 – Present**
Web Development Head

Gemini Consulting & Services India Pvt Ltd   **July 2024 – August 2024**
Intern
- Assisting in various projects and contributing to the development of client solutions.
- Gaining hands-on experience in industry practices and methodologies.

Persistent Systems Ltd.   **May 2024 – June 2024**
Project Intern
- Developed a Hospital Management System application.

Google Developers Student Club, PCCOE   **September 2023 – August 2024**
Web Executive
- Collaborated with team members to organize and promote club events and workshops.
- Implemented new features and enhancements on the website to improve user experience and engagement.

Projects

Hospital Management System | *MongoDB, Express, React, Node, Nodemailer, Cloudinary*
- A full-stack hospital management system built using the MERN (MongoDB, Express.js, React, Node.js) stack. The system allows admins to manage doctors, admins, and appointments. Patients can book appointments, and doctors can manage their schedules.
- Admin Features: Add new doctors, Add new admins, Manage appointments, Accept or reject appointments, Send email notifications to patients upon appointment acceptance.
- Doctor Features: Manage their schedules, View upcoming appointments.
- Patient Features: Book appointments, Receive email notifications about appointment status.

YouTube Clone | *React, Redux, React Icons, Tailwind CSS, YouTube API*
- Developed a YouTube clone that replicates core functionalities of YouTube, utilizing React and Redux for state management. The application provides user-friendly interface for video consumption and management.
- Video Search:Allows users to search for videos using a search bar.Integrated with the YouTube API to fetch and display relevant results based on user queries.
- Video Recommendations:Implements a recommendation engine that displays suggested videos based on user search history and interactions.Uses a combination of YouTube API data and a custom algorithm to personalize recommendations.
- Add-Free Videos:Provides an option for users to view videos without advertisements, enhancing the user experience.
- Infinite Scrolling:Implements infinite scrolling to dynamically load more videos as the user scrolls down the page, improving the browsing experience.

Gmail Clone | *React, Redux, MongoDB, Node, Express, Google API*

- A practical demonstration of building a feature-rich email client with modern web technologies, including email composition, sending, and receiving functionalities, along with spam handling using the Google API.
- Email Management: Ability to compose, send, and receive emails.
- Spam Handling: Integration with the Google API to simulate spam handling by routing specific emails to the spam folder.
- Responsive Design: A user-friendly interface developed using React for seamless interaction across various devices.

Technical Skills

Languages: C++, JavaScript,python,Java
Developer Tools: Git/GitHub, VS Code
Frontend Technologies: HTML, CSS, JavaScript, React, Redux
Backend Technologies: JavaScript, Node.js, Express.js, EJS, PHP,Laravel
Databases: MongoDB, SQL
Microsoft Tools: Word, Excel, PowerPoint, Office

Education

Pimpri Chinchwad College Of Engineering,Pune	**Pursuing 3rd year**
B.Tech in Computer Science and Engineering	*Expected Graduation Date: Apr 2026*
SNBP International School	**2022**
CBSE, Class 12; Percentage: 82	
Blossom Public School	**2020**
CBSE, Class 10; Percentage: 88	

Achievements

Secured 2nd place in WebWizardArena organized by PCCOE ACM-W Student Chapter.

Solved 100+ problems on GFG, Leetcode platforms.

Developed Website for Hackathon Alphabyte for Anantya Event

Certifications

The Complete 2024 Web Development Bootcamp	Udemy
Mastering Data Structures & Algorithms using C and C++	Udemy

Personal Profile

Name:	MUKUL AGRAWAL
Father's Name:	Dr. RAJESH K AGRAWAL
Date of Birth:	22 JUNE 2004
Gender:	MALE
Address:	202/4A Bhoir Estate, Dange Chowk, Pune-411033,Maharashtra,India