

Shubham Kumar Gupta

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Education

Vellore Institute of Technology

Master of Computer Applications

- Score - 9.01 CGPA

Vellore, Tamil Nadu

Sept 2022 - July 2024

Marwari College, Ranchi University

Bachelor of Computer Applications

- Score - 74.80 %

Ranchi, Jharkhand

Aug 2018 - Aug 2021

Skills

Programming C++, Java, Python

Web Technologies HTML, CSS, Bootstrap, Tailwind CSS, Javascript, React JS, Django, Flask, Express JS, Node JS, PHP

Database Technologies SQL and MongoDB

Software Development Fullstack Development, Agile Methodologies, Scalable Applications, Clean Code

Tools Git, Postman, Bash CLI, Jira, MS Office Suite

Work Experience

Pine Labs - Issuing Business

Software Engineer Intern

Bangalore, India

Oct 2023 - Aug 2024

- Led feature development in Node.js, enhancing back-end functionality and performance, while developing and optimizing key components to improve system efficiency and user experience.
- Directed feature development in PHP, improving both front-end and back-end performance by implementing best practices in clean code and scalable design to enhance overall application functionality.

Projects

ChatBit - A Realtime Chatting Application

June 2024 - July 2024

Github Link*

- Engineered a real-time chat application using the MERN stack (MongoDB, Express, React, Node.js) and Socket.IO, integrating features such as user authentication, user online status, and real time chatting to enhance user experience and functionality.
- Leveraged technologies including JWT for secure authentication, Context and Zustand for state management, and DaisyUI for a responsive and user-friendly interface design.

Diagno - A Disease Prediction Portal

Sept 2024 - Nov 2024

Github Link*

- Constructed a health prediction portal using the Django framework in Python, incorporating functionalities such as disease prediction, user management, doctor search by predicted disease, and appointment booking. Developed dedicated portals for doctors and administrators to manage appointments, patients, and the entire system efficiently.
- Employed a tech stack including HTML, CSS, JavaScript, and Bootstrap for the frontend, Python and SQLite for the backend, and Django as the primary framework to ensure a robust, user-friendly, and comprehensive solution.

BlissBite - A FoodApp

Dec 2023 - Feb 2024

Github Link*

- Orchestrated the development of a food ordering application using Flask (Python) with features for table booking, food ordering with discounts, and user feedback. The admin console allows comprehensive management of users, bookings, menu, discounts, orders, and reviews.
- Utilized technologies including HTML, CSS, JavaScript, and Bootstrap for the frontend, and Flask with SQLite for the backend, ensuring a seamless and efficient user experience and robust application performance.

University Projects

Till - Sept 2023

More Projects Link*

- CPU Scheduling - Simulation and Visualization | Link** Developed a Python-based GUI desktop application using CustomTkinter for simulating and visualizing CPU scheduling algorithms, providing an interactive and educational tool for understanding complex scheduling processes through comprehensive simulations and visualizations.
- Facial Recognition Attendance and Mask Detection | Link** Created a Python-based GUI desktop application using facial recognition technology for attendance tracking and mask detection, incorporating user management features for efficient and secure operation.