Shubham Kumar Gupta

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Education

Vellore Institute of Technology *Vellore, Tamil Nadu*

Master of Computer Applications *Sept 2022 - July 2024*
- Score - 9.01 CGPA

Marwari College, Ranchi University *Ranchi, Jharkhand*

Bachelor of Computer Applications *Aug 2018 - Aug 2021*
- Score - 74.80 %

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 *Bangalore, India*

Software Engineer Intern *Oct 2023 - Aug 2024*
- Led the design and implementation of a robust REST API to support the cart functionality 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.