Mayuresh Chavan

Portfolio Github LinkedIn LeetCode

Achievements

Hackathon Achievements: [Certificates]
Finalist in Coherence 1.0 (top 5 out of 50), Top 15 out of 156 teams nationwide in DUHacks 3.0, and Finalist in Need For Code 3.0 (top 5 out of 50).

Academic Success
Consistently achieved CGPA of 9.87 and 9.88 in the 2nd year, maintaining an overall aggregate of 9.1

Skills

Frontend
HTML, CSS, React.js, React Native,Next.js, Redux/Redux Toolkit, API integration

Backend
Node.js, Express.js, Flask, MongoDB, SQL, Firebase, Appwrite

Programming Languages
C, C++, Python, Javascript, Typescript,

Others
Github, Git, Docker, GenAI

Professional Experience

Web Developer 2024 – present | Mumbai, India
@TSEC DEV's CLUB

1. Built a versatile web app for students, featuring the official railway reservation system for our college
2. Developed a feature for teachers to easily share notes with students
3. Created a module for students to track exam schedules and important dates
4. Enabled committees to advertise events, primarily using our platform for effective communication

Projects

vrSafe : An Online Banking Platform [Live]

- Tech Stack : Next.js, TypeScript, Zod, Plaid API, Dwolla, Appwrite
- Comprehensive Form Validation: Utilized Zod for thorough form validation and error management.
- Secure Bank Connections: Integrated Plaid's API for seamless and secure connections with banks.
- Efficient Financial Transactions: Employed Dwolla's API to manage and execute transactions with high security and accuracy.

PaisePlus : Empowering Financial Literacy Through Technology [Github]

- Tech Stack: Next.js, Firebase, Python, Flask, LLaMA 3.2.
- Financial Tools: Simulators for Fixed Deposits, SIP Mutual Funds, EMI Calculators, personalized financial advisor, and loan loss predictor for risk assessment.
- AI Learning: Dynamic courses with AI chatbots, short videos, and weekly challenges simulating real-world financial scenarios to improve decision-making.

Car Tracker : Smart Counting and Detection System [Github]

- Tech Stack: Python, CVZone, NumPy, Matplotlib, PyTorch, YOLOv8, OpenVINO, scikit-image.
- Advanced Vehicle Counting: Utilizes YOLOv8 for accurate car counting within designated areas.
- Optimized Frame Processing: Implements a tracer mechanism, enhancing computational efficiency.
- Focused Detection: Uses masking to improve detection accuracy and reduce false positives.

Education

B.E 2022 – present | Mumbai, India
Thadomal Shahani Engineering College