Mayuresh Chavan

🔗 Portfolio ⊙ Github in LinkedIn ⌂ LeetCode ✉ mayureshc007@gmail.com 📍 Mumbai

Achievements

Academic Success
Achieved a CGPA of 9.87 and 9.88 during the 2nd year

Hackathons [Certificates]
- Finalist in Smart India Hackathon (SIH) 2024, selected from 3,000+ teams to present solutions in the finale.
- Top 15 out of 156 teams in DUHacks 3.0, collaborated with a 4-person team to build a website promoting transparent product ethics, enabling users to view the carbon footprint of products before making a purchase.

Programming
Solved 400+ problems on LeetCode, refining algorithmic skills and mastering data structures

Skills

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

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

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

Tools & Others
Github, Git, Docker, GenAI, REST APIs

Professional Experience

Web Developer   2024 – present | Mumbai, India
@TSEC DEV's CLUB
- Designed and implemented a railway reservation system utilized by 500+ students, streamlining the booking process and achieving a 95% reduction in wait times by eliminating queues.
- Built a tracking module for exam schedules, reducing missed deadlines by 80%.
- Optimized event advertising and user engagement, driving a 20% increase in active participation.

Projects

vrSafe: Empowering Secure and Seamless Online Banking [Live]
- Engineered a secure financial transaction platform using Next.js and Plaid API, leveraging server-side rendering (SSR) to improve UI responsiveness by 30%.
- Designed robust forms with Zod for seamless validation, improving form submission accuracy and reducing errors by 50%.

PaisePlus : Empowering Financial Literacy Through Technology [Github]
- Built interactive tools, including a fixed deposit simulator and personalized financial advisor, with Flask and Firebase, promoting financial awareness.
- Integrated AI-driven modules to simulate real-world scenarios and created AI video tutorials with DID for personalized guidance, enhancing user engagement and comprehension by 25%.

Car Tracker : Smart Counting and Detection System [Github]
- Developed a real-time vehicle detection and counting system using YOLOv8.
- Optimized frame processing and tracking with advanced computer vision algorithms, improving traffic analysis efficiency by 20%.

Education

B.E   2022 – present | Mumbai, India
Thadomal Shahani Engineering College
- CGPA: 9.1
- Relevant Coursework: Data Structures, Algorithms, Object-Oriented Programming, Database Management