

Avinash Rajure

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Profile

Full-Stack Developer specializing in MERN stack applications, real-time systems, and scalable cloud deployments. Skilled with Docker, AWS EC2, and modern frontend/backend technologies. Proven leadership in organizing national-level tech events and promoting open-source contributions.

Skills

- **Languages:** Python, JavaScript, Java, C
- **Frontend:** ReactJS, Tailwind CSS, Bootstrap
- **Backend:** Node.js, Express, REST APIs, GraphQL, Socket.IO, WebRTC
- **Databases:** MongoDB, MySQL
- **Tools:** Git, Docker, AWS EC2, Render, Postman, Figma, Zustand
- **Concepts:** Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP), Real-Time Systems

Projects

- **ChatUp** — Live Demo
Real-time chat platform built with MERN, Zustand, and Socket.IO. Containerized via Docker and deployed on AWS EC2 and Render with optimized low latency.
- **VIVITSU Hackathon Website**
Developed a dynamic, responsive event website for 800+ participants with interactive schedules and real-time features.
- **Cargo Tracker (Ongoing)**
Engineering a shipment tracking system with WebSocket-based route updates, real-time geolocation, and dashboards.

Work Experience

Technical Lead, Free Software Wing — Hyderabad (Nov 2023 – Present)

- Led national events (FOSSFest, 24-Hour Hackathon) increasing participation by 60%.
- Built and deployed a MERN-based platform managing 1000+ registrations and updates.
- Mentored 50+ students in Git, open-source contributions, and software collaboration.

Education

Gokaraju Rangaraju Institute of Engineering and Technology (GRIET), Hyderabad
B.Tech in Artificial Intelligence and Machine Learning (Nov 2022 – Present)

Certifications

- Virtual Internship — AI & ML by AWS (Certificate)

Co-Curricular Activities

- Organized **CyberBloom**, a cybersecurity workshop attended by 150+ students.
- Active participant in technical seminars and peer mentoring initiatives.