Vinith Shetty

+91-7249672791 | vinithshetty9372@gmail.com | LinkedIn | Github

EDUCATION

Alva's Institute of Engineering and Technology — Mangalore
Bachelor of Engineering in Computer Science and Engineering (CGPA: 9.36) — *Sept. 2022 – Present*

Shri Hanumantrao Chate Jr. College Of Science — Kolhapur, Maharashtra
Secondary and Higher Secondary Education (Percentage: 89.83%) — *Apr. 2020 – Mar 2022*

EXPERIENCE

Web Developer Intern — Apr. 2025 – June 2025
ONWE — *Remote*
- Led development of multi-role dashboards (Student, Institute, Vendor) for Bitwise Learn, improving operational visibility and user experience for 5,000+ users.
- Integrated real-time visualizations and user management in MERN stack, improving admin efficiency by 40%.
- Collaborated with cross-functional teams and applied agile problem-solving to deliver 3+ production dashboards, reducing manual reporting by 60 hours monthly.

PROJECTS

Email Breach Detection System | *React.js, Node.js, Express.js, MongoDB* — June. 2025 – Present
- Built a full-stack platform for 500+ users to detect email breaches from known data leaks.
- Implemented a breach-check API with robust input validation, rate limiting, and secure API key management, protecting 5000+ transactions monthly and reducing breach risks by 40% in the first quarter.
- Automated breach alert emails via Nodemailer with a 100% delivery rate, reducing manual monitoring.

Banking Web App | *React.js, Tailwind CSS, Node.js, Express.js, MongoDB* — Feb. 2025 – Apr 2025
- Developed a secure, scalable finance management platform with JWT authentication and real-time dashboards, enabling seamless tracking and management of 1,000+ transactions.
- Integrated Plaid and Stripe APIs for seamless multi-bank account linking, secure fund transfers, and consolidated transaction oversight, improving financial operations efficiency by 40%.
- Built interactive budget tracking and spend analysis with Chart.js, enhancing financial insights across all devices.

Disaster Relief Management System | *React.js, Tailwind CSS, Node.js, Express.js, MongoDB* — Dec. 2024
- Led development of a disaster relief platform streamlining donations, volunteer coordination, and resource requests, reducing urgent response time by 50% and increasing aid delivery success by 60%.
- Integrated Google Maps API for real-time resource tracking, improving logistical efficiency across 20+ relief zones.
- Implemented secure payments and live news updates via Stripe and News APIs, processing donations from 1,000+ donors.

TECHNICAL SKILLS

Languages: C, C++, Java, Python, JavaScript
Frameworks: HTML, CSS, React.js, Node.js, Express.js, MongoDB, PHP, MySQL
Developer Tools: Figma, IntelliJ, Eclipse, VS Code, Linux, Git, GitHub
Libraries: Shadcn, Framer Motion, Postman, Chart.js, Nodemailer, Axios, JWT, Mongoose

CERTIFICATIONS

- Postman API Fundamentals Student Expert
- Google AI Essentials - Coursera
- Data Structures and Applications - CodeChef
- Software Engineering - NPTEL

ACHIEVEMENTS

- Secured Gold Medal among 6,000+ participants at Texplore'19, a National Level Science Exhibition by KIT-Kolhapur, showcasing technical leadership and problem-solving skills.
- Co-authored and published *Fortifying IoT Networks: A Blockchain-Based Communication Security Paradigm* at IEEE CICN 2024, contributing to advancements in blockchain-based IoT security.