

VAIBHAV KULKARNI

Software Engineer

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Experience

Trubot Electronics | Software Developer

February 2025 – Present

Built a CRM system tailored for mobile repair and retail businesses using Next.js, Node.js, and PostgreSQL.

Implemented features like billing, job sheets, inventory management, and analytics for streamlined operations.

Integrated customer data management and real-time repair status updates through APIs. Designed the platform to enhance efficiency, accuracy, and overall business workflow.

Repository Link: [Holalo CRM](#)

Developed a Next.js + Three.js landing page, boosting engagement by **45%** and reducing bounce rate by **30%**.

Optimized 3D load times by **60%** and improved deployment speed by **75%** through CI/CD automation.

Website: [Trubot Electronics](#)

Sri Sri Academy | Software Developer

September 2024 – April 2025

Optimized a Next.js + TypeScript website by integrating Strapi CMS, reducing content update time by 90%. Improved performance and uptime (99.98%) using Cloudflare CDN, Amazon S3, and Nginx. Boosted traffic by 120%, conversions by 35%, and session duration by 40% through GA4 insights. Cut server costs by 30%.

Website: [Sri Sri Academy](#)

Applied Full-Stack Development

PrepWise-AI Full-Stack Developer | [Live Link](#)

July 2025

Developed a full-stack interview prep app using Google Gemini AI to generate custom Q&A. Built with React, Vite, Tailwind, and Framer Motion; implemented JWT auth, image uploads, and deployed on Render (backend) and Vercel (frontend).

Hyderabad Tree – Map | [Live Link](#)

April 2025

Built a tree visualization and analytics web app with Next.js, TypeScript, and Google Maps API. Integrated Supabase for backend and real-time analytics on tree distribution, species diversity, and environmental impact. Deployed on Vercel for reliable performance.

Technical Skills

Programming Languages: Python, JavaScript, TypeScript, C, C++, HTML5/CSS3.

Frontend Frameworks: React.js, Next.js, Tailwind CSS, Bootstrap, (Exploring Angular).

Backend Development: Node.js, Express.js, Strapi, RESTful APIs, (Exploring GraphQL).

Databases: SQL, NoSQL, PostgreSQL, MongoDB, Redis, Supabase.

Cloud & DevOps: AWS, Microsoft Azure, Docker, CI/CD Pipelines, Nginx

Tools & Development Practices: Git, VS Code, PyCharm, React Testing Library, Data Structures & Algorithms, SDLC, MVVM & MVM Architecture

(Exploring Artificial Intelligence, Machine Learning and RAG)

Professional Contributions and Community Involvement

- Hacktoberfest 2024 Contributor: Merged 4+ pull requests in MERN stack open-source projects, earning [Hacktoberfest badges](#).
- Tech Community Engagement: Active participant in GDG Hyderabad, and Google Build with AI events.
- Mentorship: Led coding workshops for 50+ junior developers at Swecha Open Source, with 80% reporting significant skill improvements.

Education

Bachelors of Engineering - Information Technology

June 2018 – May 2022

Maturi Venkata Subba Rao College (Osmania University), Hyderabad, Telangana.

CGPA: 7.0

Relevant Coursework: Data Structures, Algorithms, Web Development, Software Engineering.