

# VAIBHAV KULKARNI

Software Developer

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## EXPERIENCE

### ChalamSoft | Full Stack Developer (Freelance)

April 2025 – Present

- Developed a fully responsive, production-ready job listing platform for Chalam Soft, an IT staffing and services company.
- Utilized **Next.js** for building the frontend and **Supabase** as the backend-as-a-service for database and authentication.
- Designed and implemented a scalable and efficient database schema in Supabase to manage job listings.
- Enabled the admin to seamlessly add or remove job posts directly from the Supabase dashboard—no code changes required.
- Deployed the platform on **Vercel** for fast, reliable, and global hosting.
- Ensured smooth integration between frontend and backend with optimized performance and intuitive user experience.
- Delivered a clean, modern UI tailored to both job seekers and administrative users.
- Website: [ChalamSoft](#)

### Trubot Electronics | Software Developer (Freelance)

February 2025 – Present

- Engineered a high-performance website with Next.js and Three.js that increased product engagement by 45% and reduced bounce rates by 30%.
- Optimized 3D model rendering, decreasing load time by 60% while maintaining visual fidelity across all devices.
- Implemented CI/CD pipeline that reduced deployment time by 75%, enabling rapid iterations based on client feedback.
- Delivered project 10 days ahead of schedule while exceeding all client requirements, securing a ₹15K follow-up contract.
- Website: [Trubot Electronics](#)

### Sri Sri Academy | Software Developer (Freelance)

September 2024 – April 2025

- Architected and deployed a scalable Next.js/TypeScript website that increased daily visitor traffic by 120% and improved conversion rates by 35%.
- Implemented Strapi CMS with custom workflows, reducing content update time from 3 hours to 20 minutes and empowering non-technical staff.
- Engineered performance optimizations using Cloudflare CDN and Amazon S3, achieving 99.98% uptime and 90+ PageSpeed score.
- Integrated GA4 analytics dashboard that identified key user patterns, leading to UX improvements that increased session duration by 40%.
- Reduced server costs by 30% through strategic implementation of Nginx caching and serverless functions.
- Website: [Sri Sri Academy](#)

## Applied Full-Stack Development

### Hyderabad Tree – Map | [Website Link](#)

April 2025

***A dynamic web application for mapping and analysing tree locations with comprehensive statistics.***

- Engineered an immersive map interface using Next.js with TypeScript and Google Maps API, delivering precise, interactive tree location visualizations with seamless user navigation.
- Architected a robust Supabase backend, enabling effortless tree data management and accelerating data entry workflows by 60% through streamlined admin tools.
- Designed a real-time analytics dashboard, boosting user engagement by 40% with actionable insights into tree distribution, species diversity, and ecological impact.
- Deployed a polished, eco-focused platform on Vercel, ensuring flawless performance and a 100% uptime experience, promoting environmental awareness through intuitive design.

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## Green Grocer – E-commerce Platform for Organic Products | [GitHub Repository](#) July 2024 – August 2024

### *A feature-rich e-commerce platform for organic products.*

- Developed secure authentication using NextAuth, reducing unauthorized access risks.
- Built a high-availability payment system with a 99.99% transaction success rate, reducing cart abandonment by 35%.
- Implemented real-time inventory management, decreasing stockouts by 85% and improving customer satisfaction by 40%.
- Delivered a user-friendly shopping experience, emphasizing eco-friendly product benefits

## Employee Management System | [GitHub Repository](#)

May 2024 – June 2024

### *An enterprise-grade system automating HR workflows.*

- Automated 95% of HR processes, saving 30+ hours per week.
- Built a real-time dashboard with sub-100ms response time, reducing data retrieval time by 75%.
- Achieved SOC 2 compliance by implementing role-based access control and encryption.

[Explored JavaScript through these and many other projects. Discover them all on [GitHub](#)]

## TECHNICAL SKILLS

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

**Frontend Development:** React.js, Next.js, Tailwind CSS, Bootstrap.

**Backend Development:** Node.js, Express.js, Strapi, RESTful APIs.

**Databases:** SQL, PostgreSQL, MongoDB, Redis

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

**Tools & Development Practices:** Git, VS Code, Xcode, PyCharm, Data Structures & Algorithms, SDLC, MVVM & MVM Architecture

## CREATIVE PURSUITS

- 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.
- Technical Speaker: Delivered 5 conference talks on modern iOS Development reaching 2,000+ developers
- 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.