

VIKAS T G

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Professional Summary

Full-Stack Developer experienced in building scalable web apps and AI-powered solutions. Developed an AI-driven interview platform that boosted candidate preparation efficiency and a placement portal with 40% better matching accuracy. Skilled in React.js, Next.js, Node.js, and cloud deployment, with hands-on experience in cybersecurity-focused enterprise tools. Passionate about working in fast-paced startup environments, where adaptability, rapid prototyping, and end-to-end ownership matter.

Education

JSS Academy of Technical Education

Bachelor of Engineering in Computer Science and Engineering

Bengaluru, India

Oct 2022 – Present

- **CGPA:** 7.7/10 (Till 6th semester)
- **Relevant Coursework:** Data Structures, Algorithms, OOP, DBMS, OS, Computer Networks

Technical Skills

Languages: JavaScript, TypeScript, Java, Python
Frontend: React.js, Next.js, Tailwind CSS, HTML, CSS
Backend: Node.js, Express.js, Django
Databases: PostgreSQL, MongoDB, SQL
DevOps/Tools: Git, Docker, Linux, Postman

Experience

Arcolab Private Limited 🌟 [Certificate]

Nov 2024 – Mar 2025

Full Stack Developer Intern

Bangalore, India

- Designed and deployed a full-stack internal web application for the Cybersecurity division, streamlining ticket handling and reducing manual overhead.
- Developed key modules including Security Patch Management, USB Access Control, and IOC Blocking, strengthening endpoint security compliance.
- Built a custom ITSM ticketing solution that cut resolution time by 30% and improved overall workflow efficiency.
- **Stack:** SvelteKit, Node.js, Tailwind CSS, SQL

Pupilfirst 📄 [Offer Letter]

Sep 2024 – Oct 2024

Full Stack Developer Intern

Remote

- Contributed to building responsive web applications using Node.js, Express.js, HTML, CSS, and Bootstrap, ensuring mobile-first and scalable design.
- Implemented dynamic frontend features and optimized workflows, improving development speed and usability.
- Collaborated with senior developers in code reviews and debugging, ensuring production-ready quality for delivered modules.


Projects

AI-Powered Mock Interview Platform | Next.js, JavaScript, Tailwind CSS, PostgreSQL, Gemini API [GitHub](#) [🔗](#)

- Engineered an AI-driven interview platform that generated adaptive questions and real-time feedback, used by 50+ students to improve preparation efficiency by **35%**.
- Implemented role-based customization, detailed analytics, and automated evaluation reports to enhance skill assessment.
- Integrated Gemini API for dynamic question generation, scaling backend services to support **50+ concurrent sessions**.

College Placement Management System | React, TypeScript, Tailwind CSS, MongoDB, Vite [GitHub](#) [🔗](#)

- Developed a placement portal enabling students, lecturers, and admins to manage authentication, profiles, and drives securely.
- Integrated an AI-based recommendation engine that improved student-drive matching accuracy by **40%**.
- Currently extending with real-time notifications and analytics dashboards to support data-driven placement insights.

- OneBox – AI-Powered Email Aggregator | Node.js, Express.js, SQLite (FTS), OpenAI GPT-3.5 Turbo GitHub 
- Designed and deployed a multi-tenant email synchronization platform with IMAP (Gmail, Outlook), maintaining **99% uptime** and robust error recovery.
 - Implemented intelligent email categorization using Retrieval-Augmented Generation (RAG) with GPT-3.5 for smart labeling.
 - Enhanced user productivity with full-text search (SQLite FTS), auto-reply suggestions, and Slack/webhook notifications.

Certifications

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| Web Development 101 — Pupilfirst | View Certificate |
| MongoDB for SQL Experts — MongoDB University | View Certificate |
| Linux for Beginners — Udemy | View Certificate |