

# VIKAS T G

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## Professional Summary

Results-driven Full-Stack Software Engineer with a strong track record of designing and deploying high-impact web and mobile solutions. Adept at leveraging cloud technologies, modern frameworks, and robust databases to deliver reliable, scalable products. Passionate about continuous learning and contributing to collaborative teams that solve complex technical problems.

## Education

### JSS Academy Of Technical Education

*B.E. in Computer Science and Engineering*

Bangalore, India

*Oct 2022 – Present*

- **CGPA:** 7.8/10 (Till 6th semester)
- **Relevant Coursework:** Data Structures, Algorithms, OOP, DBMS, OS, Computer Networks

## Technical Skills

**Languages:** Java, JavaScript, TypeScript, Python

**Frontend:** HTML, CSS, React.js, Next.js

**Backend:** Node.js, Express.js

**Databases:** PostgreSQL, MongoDB, SQL

**UI/Frameworks:** Tailwind CSS, Vue.js

**DevOps/Tools:** Git, Docker, Postman, Linux

## Experience

### Arcolab Private Limited

Nov 2024 – Mar 2025

*Full Stack Developer Intern*

*Bangalore, India*

- Designed and deployed a full-stack internal web application for the Cybersecurity division to streamline ticket handling.
- Built modules for Security Patch Management, USB Access Control, and IOC Blocking to improve endpoint security compliance.
- Engineered custom ITSM ticketing solution, reducing resolution time and manual workload.
- **Stack:** SvelteKit, Node.js, Tailwind CSS, MongoDB, SQL

### Pupilfirst

Sep 2024 – Oct 2024

*Full Stack Developer Intern*

*Remote*

- Developed responsive, performance-optimized websites using Node.js, JavaScript, Express.js, HTML, CSS, Bootstrap.
- Enhanced dynamic features for improved UX and interface interactivity.
- Collaborated with senior engineers to debug production issues and deliver robust solutions.

## Projects

**AI-Powered Mock Interview Platform** | Next.js, Tailwind CSS, Gemini API, PostgreSQL, Drizzle ORM    GitHub

- Built an AI-driven mock interview platform with personalized question flow, automated feedback, and grading.
- Implemented customizable interview types by role and level, with detailed analytics dashboard.

**Decentralized Government Fund Verification** | Solidity, IPFS, Next.js, LangChain, FAISS, Django    GitHub

- Developed Ethereum-based system for public fund transparency and AI-powered automated document verification.
- SBTs for identity; backend in Django REST; uses LangChain+LLMs for analysis and RAG-based validation.

**College Placement Management System** | React (TypeScript), Tailwind CSS, MongoDB, Vite    GitHub

- Streamlined placement activities with portals for students, lecturers, and administrators.
- Features: authentication, profile management, placement drives, alumni insights, and AI recommendations.
- *Ongoing project*

## Certifications

Web Development 101 (Pupilfirst)

Linux for Beginners (Udemy)

MongoDB for SQL Experts (MongoDB University)

Strategy and Data Visualization (IIT Madras)