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📍 Bengaluru, India 📞 +91 8792283829 ✉ vikastg2000@gmail.com in vikas-t-g-09692325a 🌐 18vikastg
🔗 vikastg.vercel.app

Professional Summary

Passionate and enthusiastic Software Engineer focused on Full-Stack Development with experience building impactful web applications. Skilled in modern JavaScript frameworks, cloud technologies, and system design. Continuous learner thriving on exploring new technologies and delivering scalable, production-ready solutions.

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

PRN Amratha Bharathi PU College

Karnataka Secondary Education Examination Board (KSEEB)

Udupi, India

2021 – 2022

- **Percentage:** 72.8%
- **Stream:** Physics, Chemistry, Mathematics, Biology (PCMB)

Vidyabhirudhi Eng Med HS

Karnataka Secondary Education Examination Board (KSEEB)

Soraba, India

2019 – 2020

- **Percentage:** 86.4%

Technical Skills

Languages: Java, JavaScript, TypeScript, Python
Frontend: React.js, Next.js, Vue.js, HTML, CSS, Tailwind 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 full-stack internal web application for Cybersecurity division to streamline ticket handling
- Built modules for Security Patch Management, USB Access Control, and IOC Blocking improving endpoint security compliance
- Engineered custom ITSM ticketing solution reducing resolution time and manual workload
- **Stack:** SvelteKit, Node.js, Tailwind CSS, SQL

Pupilfirst 📄 [Offer Letter]

Sep 2024 – Oct 2024

Full Stack Developer Intern

Remote

- Gained hands-on experience developing responsive websites using Node.js, Express.js, HTML, CSS, and Bootstrap
- Learned to implement dynamic frontend features and improved understanding of full-stack development workflows
- Collaborated with senior developers on code reviews and debugging, strengthening problem-solving skills

Projects


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

- Developed an AI-driven mock interview platform generating adaptive questions and real-time performance analysis, improving candidate preparation efficiency by **35%**
- Implemented role- and level-based customization, detailed analytics, and feedback reports for skill improvement
- Integrated Gemini API for dynamic question generation and automated evaluation, handling **50+ concurrent sessions**

College Placement Management System | React, TypeScript, Tailwind CSS, MongoDB, Vite

GitHub [🔗](#)

- Built a portal for students, lecturers, and admins with secure authentication, profile management, and drive tracking

- Integrated AI-based recommendation engine for student–drive matching, improving placement matching accuracy by **40%**
 - *Ongoing:* implementing real-time notifications and analytics dashboard for placement statistics
- OneBox – AI-Powered Email Aggregator** | Node.js, Express.js, SQLite (FTS), OpenAI GPT-3.5 Turbo [GitHub](#) 
- Designed a multi-tenant email sync platform with IMAP support (Gmail, Outlook), ensuring **99% uptime** and robust error recovery
 - Built intelligent email categorization using Retrieval-Augmented Generation (RAG) with GPT-3.5, auto-classifying into custom labels
 - Implemented full-text search with SQLite FTS, smart reply suggestions, and Slack/webhook notifications for instant updates

Certifications

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