

Avinash Pappala

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Education

Vignan's Institute of Information Technology
BTech in Computer Science and Engineering

2023 – 2027
CGPA: 9.22

Technologies

Languages: Python, Java, C, TypeScript, JavaScript
Frameworks/Libraries: React.js, Next.js, Node.js, Express.js, Tailwind CSS, LangChain, Firebase
Databases: MySQL, MongoDB
Developer Tools: Git, GitHub, PyCharm, Postman, Vite, Figma, Power BI

Experience

Software Developer Intern, [WilloWave](#)

Remote, Sep 2025 – Present

- Enhanced UI responsiveness and performance using **Next.js**, **Tailwind CSS**, and **TypeScript**.
- Built and optimized backend APIs with **Express.js**, **MongoDB**, and **TypeScript**.
- Integrated AI workflows using **LangGraph**, **LangChain**, and **OpenRouter**.
- Tech Stack: Next.js, Tailwind CSS, TypeScript, Express.js, MongoDB, LangChain, LangGraph, Git.

Software Developer Intern, [ZORO Innovations](#)

Remote, Jun 2025 – Jul 2025

- Built the Student Dashboard for managing attendance, results, timetable, and feedback.
- Converted Figma designs into responsive UIs using **React.js** and **Tailwind CSS**.
- Integrated frontend components with REST APIs for seamless user experience.
- Tech Stack: React.js, Tailwind CSS, Vite, Figma, Git, REST APIs

Projects

Chatterly - Real-Time Chat Application

[GitHub](#) | [Live Link](#)

- Built a real-time chat application supporting one-on-one and group messaging.
- Integrated authentication, end-to-end encryption, and live updates via WebSockets.
- Developed a responsive UI with dynamic mobile and desktop views, WhatsApp-style.
- Tools Used: React.js, Node.js, Express.js, MongoDB, Socket.io, Tailwind CSS.

Health AI Assistant

[GitHub](#) | [Live Link](#)

- Built an AI-powered assistant that analyzes health reports (PDFs) and provides both patient summaries and doctor-level insights.
- Integrated features like symptom detection, treatment suggestions, and a dynamic health chatbot.
- Completed full-stack development with Gemini AI integration for accurate medical interpretation.
- Tools Used: Python, Gemini AI, Streamlit.

SafeSeek

[GitHub](#) | [Live Link](#)

- Developed a real-time text classification tool to promote respectful communication using the Perspective API.
- Instantly labels user input as Positive, Negative (toxic), or Neutral based on sentiment analysis.
- Includes a downloadable Chrome extension that blocks websites when toxic input is detected.
- Tools Used: React, TypeScript, Perspective API, Python.

Achievements

- Achieved 2* on CodeChef (highest rating: 1463), top 14% on LeetCode (highest rating: 1684).
- Solved 500+ problems across CodeChef, LeetCode, and GeeksforGeeks.
- GeeksforGeeks Campus Body lead, GDG Oncampus Technical lead (2025-26)