

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, C, TypeScript, JavaScript

Frameworks/Libraries: React.js, Next.js, Node.js, Express.js, FastAPI, 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

CampusConnect - AI-Powered Career Platform

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

- Built an AI-powered career platform for internships, coding practice, and interview preparation.
- Developed AI Interviewer using FastAPI to generate personalized role-based questions and feedback.
- Integrated live internship data and adaptive coding practice modules based on user difficulty choice.
- Tools Used: Next.js, FastAPI, React, Tailwind CSS, Python.

Health AI Assistant

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

- Built an AI assistant that analyzes health reports and provides summaries with medical 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.

Chatterly - Real-Time Chat Application

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

- Built a full-stack real-time chat platform supporting one-on-one and group conversations with live updates.
- Implemented secure authentication, message encryption, real-time synchronization using Socket.io and JWT.
- Integrated MongoDB for scalable data storage and Express.js for efficient backend communication.
- Tools Used: React.js, Node.js, Express.js, MongoDB, Socket.io, Tailwind CSS.

Achievements

- Achieved 2* on CodeChef (highest rating: 1463), top 12% on LeetCode (highest rating: 1704).
- Solved 500+ problems across CodeChef, LeetCode, and GeeksforGeeks.
- GeeksforGeeks Campus Body lead, GDG Oncampus Technical lead (2025-26)