

Mohit Kashyap

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EDUCATION

Vellore Institute of Technology

B. Tech, Computer Science and Engineering — CGPA: 9.45

Vellore, TN

2023 – 2027

Alard Public School

Class 12, CBSE — 86.6%

Pune, MH

2021 – 2023

EXPERIENCE

Flutter Developer Intern

May 2025 – June 2025

AstroRaag

- Implemented frontend workflows for iOS app features including UPI payments, service bookings, and article publishing, ensuring seamless user experience.
- Developed and integrated API services and models, validating backend communication and improving feature reliability.
- Contributed to the launch of the app, which achieved 100+ downloads within weeks of release.

Senior Core Committee member

March, 2025 - present.

IEEE-CS, VIT Vellore Chapter

- Contributing to development of Echo, a real-time communication app built with React Native, ExpressJS, and Nativewind.
- Designed navigation flow, built frontend components, and integrated REST APIs with Postman-tested endpoints.
- Gained experience with TypeScript, Postman, React Native, collaborative workflows, pull requests, and professional code reviews, enhancing software engineering practices.

PROJECTS

AI Search Agent | *LangGraph, LangChain, Python, OpenRouter*

- Built a multi-source AI research agent using LangGraph and LangChain, orchestrating parallel queries to Google, Bing, and Reddit, then using web scraping and API integration to retrieve search results, Reddit threads, and post-level discussions.
- Designed a graph-based workflow to analyze and synthesize search results with LLMs (via OpenRouter) into coherent, user-friendly responses.
- Applied structured LLM outputs for filtering relevant Reddit URLs and extracting high-signal community insights.

CV Builder | *ReactJS, HTML, CSS, JavaScript*

- Developed a React-based resume builder with real-time editing and PDF download functionality along with implementing state management using React Context, ensuring a smooth and dynamic user experience.
- Deployed the project with Netlify, making it accessible as a live web tool.

EcoMind | *Flutter, Kaggle, Firebase, Gemini API*

- Built a waste-classification mobile app as part of Yantra Central Hack 2025.
- Trained an AI image classification model on 35,000+ Kaggle images, achieving 89% accuracy.
- Integrated the AI model into Flutter with real-time predictions, Firebase authentication, and a chatbot powered by Google Gemini API for waste management support.

Echo [In Progress] | *React Native, ExpressJS, Nativewind, Postman*

- Working with IEEE-CS team on a real-time communication (RTC) app where I implemented navigation architecture, UI components, and API integration, ensuring smooth interaction between frontend and backend.
- Collaborating in an agile team using GitHub pull requests, code reviews, and API testing with Postman.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL (Postgres), JavaScript, TypeScript, HTML/CSS

Frameworks: React, Node.js, Express.js, React Native, Flutter, Webpack, TailwindCSS, Bootstrap.

Developer Tools: Git, Github, Google Cloud Platform, VS Code

Relevant Coursework: Object Oriented Programming, Data Structures and Algorithms, Design and Analysis of Algorithms, Computer Architecture and Organization, Database Systems, Computer Networks, Compiler Design