

Vellore Institute of Technology, Vellore.

2023 - 2027

B. Tech - Computer Science and Engineering | CGPA: **9.45**

Experience

Flutter Developer Intern, AstroRaag

May, 2025 –June, 2025.

- 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, IEEE-CS, VIT Vellore Chapter

March, 2025 - present.

- 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.
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Projects

CV Builder | *ReactJS, HTML, CSS, JavaScript* | [Repository](#) | [Preview](#)

- 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* | [Repository](#)

- 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**.
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Technologies

- **Languages** – C, C++, Java, Python, Javascript, Typescript.
- **Frontend** – HTML, CSS, ReactJS, Webpack, TailwindCSS, Bootstrap.
- **Backend** – Node, Express JS, PostgreSQL
- **Android and iOS**– Flutter, React Native.