

Education

Amrita Vishwa Vidyapeetham

BTech, Computer Science

Grade: 9.02

Sep 2022 – Sep 2026

Indian Institute of Technology, Madras

Online B.S, Data Science

Grade: 8.19

Aug 2022 – Dec 2026

Work Experience

LogicFlo AI

Full-Stack Developer Intern

Oct 2024 – Dec 2024

- Engineered 5+ production-ready features for a live AI application, demonstrating full-stack development skills across React frontend and Django backend.
- Architected interactive interfaces using React Flow and React Tool Builder, implementing library-independent solutions that enhanced user experience and application functionality.
- Demonstrated agile development practices by successfully integrating multiple external libraries while maintaining clean, scalable code architecture.
- Collaborated in a startup environment, mastering rapid development cycles and delivering high-impact technical solutions.

Projects

Anokha '24 (University Techfest) — *Next.js, Node.js, Tailwind CSS, GSAP, API* — [GitHub](#)

- Developed a high-traffic event registration website for Anokha 2024, managing over 1,000 participant registrations.
- Designed a responsive interface using Tailwind CSS and GSAP, resulting in a 30% increase in user engagement.
- Improved frontend performance by optimizing code and asset loading, ensuring a fast and smooth user experience.

Molecule Visualizer — *React.js, Node.js, Google Bard API, Material UI, Plotly.js* — [GitHub](#)

- Created a React.js web app for molecular visualization, supporting detailed 3D rendering for 100+ molecular models with precise bond and angle calculations.
- Implemented interactive features to visualize and manipulate up to 20 atoms and bonds in real-time, enabling detailed analysis of complex molecular structures.
- Utilized Google Bard API to streamline data retrieval, eliminating 100% local storage requirements and enhancing data management efficiency.

Mediclined — *Next.js, Express.js, MySQL, MongoDB* — [GitHub](#) — [Link](#)

- Built a student health management platform supporting 3+ college environments with dual-database architecture (MySQL, MongoDB) and advanced medical record management features.
- Implemented role-based access control (RBAC) with JWT, securing multi-role access for over 500 users in healthcare roles.
- Achieved top 10 in a hackathon for innovative solutions like real-time doctor tracking and automated medical leave generation.

Technical Skills

Programming: C, C++, Python, Java, MySQL, SQLite, PostgreSQL

Web Development: Next.js, React.js, Vue.js, Node.js, Express.js, Flask, HTML, CSS, JS, Tailwind CSS

Tools: Git, GitHub, Postman API, Linux, Figma, Eclipse, Visual Studio Code

Extra-curricular Activities

Amrita School of Computing

Editor

Mar 2024 – Present

- Published 3 editions of the ASCII Newsletter, reaching over 1,000 students and faculty, and improving internal communication.
- Collected, verified, and organized achievement data for 300+ students monthly, ensuring accurate and timely updates for the newsletter.

National Service Scheme (NSS)

Student Coordinator

Mar 2023 – Present

- Coordinated and conducted 7+ successful events, including Drug Awareness Week, Blood Donation Camp, and Mental Health Marathon, enhancing community engagement and awareness.
- Managed a 6-day NSS Special Camp for 50+ students, overseeing social work activities, and ensuring effective decision-making and team coordination.