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EDUCATION

Amrita Vishwa Vidyapeetham, Chennai

- B.Tech in Computer Science and Engineering (Artificial Intelligence) - CGPA: 8.33

Aug 2023 - May 2027

RELEVANT EXPERIENCE

SWE Co-Op Intern - AlgoUniversity (YC S21)

Jul 2025 - Present

- Developed the project under the direct supervision of internal mentors, successfully executing the full development lifecycle from prototype to deployment while engaging in **regular Scrum calls** and adopting **Agile methodologies**.
- Established a highly reliable, cloud-native infrastructure by deploying the frontend on **Vercel** and the backend on **Render**, secured with **Auth0** and utilizing **MongoDB Atlas** for a global-scale database.

Hackathon Organizer

Dec 2024 - Present

- Organized Hack-a-Ruckus, a 500+ participant national-level tech fest at Amrita Vishwa Vidyapeetham (Chennai) with prize pool of ₹20,000. [Unstop link](#)

PROJECTS

Xinance - Zoho Cliqtrix 2025

Dec 2025

- Co-developed a Zoho Cliq extension for the Zoho Cliq Trix 2025 competition to bring **Zoho Expense** actions directly into the **Zoho Cliq** messaging environment.
- Implemented slash-command based workflows (e.g., `/postexpense`, `/summary`) enabling users to add expenses and managers to view pending reports without leaving chat.
- Integrated **Zoho Expense APIs** and **Deluge scripts** to handle data submission, report creation, and approval flow automation from within Cliq.
- Added **Gemini 2.5 Flash** to generate a basic risk score and feedback for expense reports before submission, helping users review or correct entries proactively.

E-Commerce Customer App

Jun 2025

- Developed an **AI-powered e-commerce Android app** using **Flutter** and **FastAPI** with a team of 4 for Sparkathon 2025.
- Integrated reverse image search using the **CLIP (Contrastive Language-Image Pre-Training) model** to allow users to discover products by uploading photos and AI chat using **Vapi**
- Team worked on dynamic AI voice calls via **n8n** and **Vapi** for real-time, personalized assistance. Enabling **NFC-based wallet payments** for secure, touchless transactions, blending AI, automation, and IoT to enhance the overall shopping experience. [Demo video link](#)

FIASCode - Online Judge

Aug 2025

- Developed a full-stack MERN Online Judge; established a highly reliable infrastructure by deploying on **Vercel/Render** and securing with **Auth0** and **MongoDB Atlas**. [\[Live\]](#)
- Engineered a secure, isolated code execution system utilizing **AWS-ECR** and **EC2** to deliver real-time feedback and advanced code diff checking.
- Incorporated **Gemini AI** for context-aware coding hints, managing the entire solution lifecycle from prototype to continuous deployment.
- Notably with over 35+ concurrent users and have been used a contest platform for two events.

ACHIEVEMENTS AND CERTIFICATIONS

- Awarded 2nd place (₹1,500 prize) in Code in the Dark, a national coding competition at Amrita Vishwa Vidyapeetham, outperforming 150+ participants.
- Completed the AWS Cloud Engineer certification through Amrita Vishwa Vidyapeetham's Corporate and Industry Relations program, gaining experience with AWS services.
- Successfully completed the Theory of Computation course on NPTEL, gaining deep understanding of computational models and algorithms

SKILLS

- Programming Languages: **Python**
- Web Development: **HTML, CSS, JavaScript**
- Framework & Microservices: **MERN stack**
- Databases: **MySQL, MongoDB**

- Cloud Platform: **AWS**
- Version Control: **Git, GitHub**
- DevOps Tools: **Docker**
- Agile Development: **Scrum and Jira**