

## Summary

Computer Science and Engineering undergraduate at Amrita Vishwa Vidyapeetham, proficient in **software development**, **frontend development**, and **backend systems**. Experienced in **Python**, **JavaScript**, **ReactJS**, and **Node.js**, with expertise in integrating **Google Calendar API**, **Google Maps API**, and deploying **MERN stack** applications on cloud platforms. Skilled in **data structures**, **algorithms**, and **web development**, with a focus on efficient **web applications**. Collaborative team member with strong **problem-solving** and **project management** skills, prepared for technical roles.

## Education

Degree	Specialization	Institute	Year	CPI
B.Tech	Computer Science & Engineering	Amrita Vishwa Vidyapeetham	2023-Present	8.33
BIEAP	Physics, Chemistry, & Mathematics	BVK Junior College	2023	98.3
SSC	-	Sri Chaitanya Childrens Academy	2021	100.0

## Projects

- Influencer Performance Monitor** [DSA Team Project] Oct-Nov 2024
  - Built a **data-driven system** using **Python**, leveraging **Splay Trees**, **Stacks**, and **Heaps** for ranking and engagement analysis. Automated **report generation** for efficient **data handling**.
- Lift Safety Monitoring System** [Embedded Systems Team Project] Dec-Jan 2022
  - Engineered a **safety system** with **Arduino** and **C**, using **limit switches** and **IR sensors** for **real-time alerts**. Focused on **hardware interfacing** and **control logic**.
- Finance Tracker** [Full Stack Project] Apr-May 2025
  - Integrated **Clerk authentication** into an MERN stack application, bolstering **security protocols** and **reducing unauthorized data access incidents by 15%** within the first quarter of deployment.
- Appointment Booking System with Google Calendar API** [Full Stack Project] May 2025
  - Created a **web application** using **ReactJS** and **Node.js**, integrating **Google Calendar API** and **OAuth 2.0** for secure, **responsive scheduling**.

## Achievements

- GeoGuide AI - Top 5 Finalist** [ABHISARGA'25, IIIT Sri City] Feb 2025
  - Developed a **travel platform** with **ReactJS**, **Node.js**, **Google Maps API**, and **OpenWeather API** for personalized recommendations. Achieved Top 5 for **API integration**.
- MediSphere - Top 8** [Technova Hackathon] Mar 2025
  - Built a **healthcare system** using **MERN stack** and **Clerk**, with **dashboards** for doctors and patients. Secured Top 8 for **authentication**.
- Resort Booking Website - 2nd Place** [DevX mini-Hackathon] Mar 2025
  - Designed a **resort booking site** in 3 hours with **ReactJS** and **Tailwind CSS**, comparing past and present designs. Earned 2nd Place for **UI design**.

## Technical Skills

- **Languages:** Python, JavaScript (including React, Node.js), C, C++, Java, MySQL, Dart
- **Soft Skills:** Communication, Project Management, Team Collaboration, Adaptability
- **Tools:** Jupyter Notebook, LaTeX, VS Code, GitHub, Postman, Google Console, Render, Vercel, Netlify, Firebase
- **MOOCs:** Introduction to **Web Development** using **HTML**, **CSS**, **JavaScript** by IBM