

# BALAJI V

[balajivs0305@gmail.com](mailto:balajivs0305@gmail.com) | +91 9842824767

[Portfolio](#) [LinkedIn](#) [Github](#) [LeetCode](#)

## EDUCATION

### PSG COLLEGE OF TECHNOLOGY

AUG 2024 - JUNE 2026

Master of Computer Application(MCA) | CGPA: 8.2 / 10

### KG COLLEGE OF ARTS AND SCIENCE

AUG 2021 - MAY 2024

Bachelors in Computer Technology | CGPA: 7.6 / 10

## EXPERIENCE

### Full Stack Developer @ [Southern India Chartered Accountants Students Association](#)

Feb 2025 - Present

**Tech Stack:** TypeScript, React.js, Vercel SWR, TailwindCSS, Express, MongoDB, Vercel, Nginx | [Game Link](#)

Coimbatore, India

- Created a full-stack web based interactive games for SICASA's everymonth newsletter, attracted 500+ unique users and enhancing CA-related topics by 40%
- Implemented a single play restriction and tab switch detection to maintain a fair play.
- Designed and Integrated MongoDB Aggregation Pipeline, improving data retrieval speed by 50%
- Deployed and optimized the application for high performance and seamless experience.

## PROJECTS

### Alumuni Connect | Android, Flutter, Dart, Firebase, Provider | [GitHub](#)

- Engineered a cross-platform Alumni Connect app to facilitate communication between students and alumni.
- Built a real-time chat and notifications system to enhance alumni-student engagement. Utilized Provider for efficient state management, improving app performance and scalability.
- Optimized firestore queries to enhance app performance, reducing data latency by 40%.

### SWEET SURPRISES | React.js, Redux, Tailwind CSS, MongoDB, Node.js, Express.js, PayPal | [GitHub](#) [Live Link](#)

- Developed an interactive e-commerce web application for online gift selling, featuring a dynamic and visually appealing front-end built with React.js and Tailwind CSS.
- Engineered RESTful APIs with Express.js, enabling efficient user authentication, product catalog management, order processing, and cart operations, ensuring 99.9% API uptime.
- Integrated PayPal for secure payment processing, enhancing transaction reliability and user trust.
- Implemented a CI / CD pipeline with GitHub and Vercel, enabling automated deployments and zero-downtime updates for both frontend and backend, reducing manual deployment efforts by 80%.

### Parkit | TypeScript, Node-cron, Tailwind CSS, MongoDB, Node.js, Express.js | [GitHub](#)

- Developed a scalable and intuitive web application for real-time mall parking slot booking, ensuring a seamless user experience with TypeScript and Zustand for state management.
- Automated slot cleanup and availability updates using Node-Cron task scheduling, ensuring an up-to date parking inventory without manual intervention and reducing manual slot management efforts by 70%.
- Architected a robust backend with Node.js and Express.js, leveraging MongoDB for efficient slot allocation, user management and booking history tracking.

## SKILLS

**Languages & Frameworks:** C, C++, Python, HTML5, CSS3, JavaScript, TypeScript, React.js, Next.js, TailwindCSS, Node.js, Express.js, Flutter, Dart, Angular JS, CI / CD

**Database:** MySQL, MongoDB, PostgreSQL, Firebase

**Tools and Technologies:** VS Code, IntelliJ, Android Studio, Git, GitHub, AWS, Figma

## CERTIFICATIONS & ACHIEVEMENTS

- Solved 200+ Leetcode Problems
- Two-time national-level runner-up in the Abacus competition.
- Secured 1st Place at Web Development Competetion
- Programming with JavaScript - Meta
- Introduction to Generative AI - Google
- CS50's Introduction to Python programming