

BALAJI V

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[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

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

FaceTrack Attendance System | Python, OpenCV, Tkinter, Face recognition libraries, Local Database | [GitHub](#)

- Implemented real-time face recognition software for department to reduce the fingerprint login failures by 85% by developing robust facial recognition system using Python, Tkinter and OpenCV
- Optimized face matching pipeline for real-time performance, reducing recognition latency by 70% using efficient NumPy operation and OpenCV pre-processing

Swweet Surprises | React.js, Redux, Tailwind CSS, MongoDB, Node.js, Express.js, Razorpay, Docker | [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 Razorpay 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%.

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

- Engineered an android 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%.

SKILLS

Languages & Frameworks: C, C++, Python, Java, 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