

RAHUL RAJ C P

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PROFESSIONAL SUMMARY

Computer Science Engineering (CSE) Graduate (2026), having a basic understanding of programming languages and software/web development techniques. Proficient in Python, C, and basic Java, knowledgeable in HTML, CSS, and JavaScript. Has developed both academic and personal projects using advanced tools and AI assistance in the workflow. Interested in software development, IT infrastructure, networking, and full-stack technologies. Learns fast and has good problem-solving skills.

EDUCATION

B.Tech in Computer Science and Engineering <i>APJ Abdul Kalam Technological University (KTU), Thiruvananthapuram</i>	Oct 2022 – May 2026
Higher Secondary Education (Computer Science) <i>Kerala Board of Public Examinations</i>	Jul 2020 – Mar 2022
High School Education <i>Central Board of Secondary Education (CBSE)</i>	Jun 2018 – Mar 2020

PROJECTS

ResumeMint AI — ATS Resume Builder SaaS Platform

React.js | Node.js | MongoDB | Razorpay | JWT | Vercel | Render

- Architected a full-stack SaaS platform that generates ATS-optimised resumes from job descriptions using AI-assisted rewriting, with JWT-based authentication and MongoDB for user and document storage.
- Engineered a PDF parsing pipeline to auto-populate resume fields and integrated Razorpay payment gateway end-to-end, including order creation, webhook verification, and payment-state management.
- Deployed frontend on Vercel and backend on Render; resolved production bugs and maintained service continuity for live users.

FoodSnap AI — AI-Powered Nutrition Backend & Mobile Application

Python | Django | Django REST Framework | SQLite | Flutter | REST APIs

- Engineered a Django REST Framework backend exposing API endpoints for food image analysis, user health profiles, and nutrition data management with session-based data persistence.
- Integrated an ML-based image recognition pipeline handling asynchronous JSON request/response cycles between the mobile client and backend services.
- Implemented OOP principles and modular separation of concerns across backend components, enabling scalable feature integration and reliable data exchange.

E-Games Tournament Registration System — Full-Stack Web Platform

Node.js | Express.js | MySQL | HTML5 | CSS3 | JavaScript | Render | Railway

- Developed a full-stack esports tournament platform supporting participant registration, team management, and payment workflows with a normalised MySQL relational database hosted on Railway.
- Implemented an admin dashboard for real-time registration approval and participant tracking; deployed on Render with environment-variable-based configuration.

Expense Tracker — Full Stack Personal Finance Application

Flutter | Firebase | NoSQL | Dart

- Implemented real-time CRUD operations with Firebase NoSQL, Firebase Authentication (email/password and Google Sign-In), and cross-device data synchronisation.
- Designed an analytics dashboard with category-wise spending breakdowns and monthly trends to support personal finance decisions.

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, Dart, C, C++

Frontend Development: Flutter, React.js, HTML5, CSS3, Tailwind CSS

Backend Development: Django, Django REST Framework (DRF), REST APIs, JSON

Databases: MySQL, SQLite, Firebase, SQL

Core Computer Science: Object-Oriented Programming (OOP), Data Structures & Algorithms, Operating System Basics

Tools & Platforms: Git, GitHub, Android Studio, VS Code, Vercel

TRAINING & CERTIFICATIONS

- Web Designing — Brotype (2025)
- Responsive Web Design — freeCodeCamp (2024)
- Google Flutter Internship — PaceLab (2024)
- Web Development — Tegrend Infotech (2023)

LANGUAGES

English, Malayalam (Native)