

RAJITH S

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Education

B.Tech in Computer Science and Engineering

Amrita School of Engineering, Amrita Vishwa Vidyapeetham, Coimbatore

2023 – Expected 2027

CGPA - 9.02/10

Technical Skills

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

Core CS Concepts: Data Structures & Algorithms, Operating Systems, Computer Networks, Database Management Systems (DBMS), Object-Oriented Programming (OOP), System Design, Distributed Systems

Frameworks & Libraries: React.js, Next.js, Node.js, FastAPI, Flutter, TensorFlow, PyTorch

Databases: MongoDB, MySQL, PostgreSQL **Cloud & Tools:** AWS (EC2, S3, IAM, VPC, CloudWatch), Git, Docker, Kubernetes, Linux Fundamentals

Experience

F13 Technologies

Feb 2026 – Present

AWS Cloud Intern

- Designed **AWS migration plan for e-commerce platform** using EC2, RDS, S3, and CloudFront, targeting **40% infra cost reduction**.
- Built **serverless onboarding and face attendance workflows** with Rekognition, Lambda, Step Functions, API Gateway, and DynamoDB, processing [N] events.

Projects

ChargeIQ | *Flutter, Firebase, SQLite, Google Maps API, Navigation SDK, REST*

[GitHub](#)

- * Architected ChargeIQ **real-time EV charger discovery** with Google Maps, geolocation, and Firebase sync, serving 60 stations with 99% faster lookup.
- * Implemented **async ChargeIQ API pipelines** for lookup, marker rendering, and routing, keeping UI interactions under 100 ms during network delays.

Smart Employee Onboarding Identity Service | *AWS Lambda, API Gateway, Step Functions, S3, CloudFront*

[GitHub](#)

- * Architected token based **serverless onboarding workflow** with Step Functions, coordinating identity verification and approvals for employees with 85% fewer manual handoffs.
- * Developed Lambda and API Gateway onboarding APIs to manage state transitions, handling 10,000+ events with fault-isolated event-driven execution.
- * Deployed onboarding frontend to S3 and CloudFront, integrated SES notifications, and improved delivery reliability to 99.9% for 5000+ users.

Smart Toll | *React, Node.js, Express.js, PostgreSQL, Supabase, ESP32, Razorpay, Vercel*

[GitHub](#)

- * Built Smart Toll distributed tolling with ESP32, Zigbee, and backend APIs, calculating distance-based fares for 100+ devices in real time.
- * Implemented on-device geofence preprocessing for Smart Toll, reducing backend calls by 99.8% and location decision latency to 5 ms.
- * Designed fault-tolerant REST ingestion for Smart Toll device streams, using idempotent logging to process 10,000+ async events without duplicates.

Leadership

President, Intel IoT Club

Feb 2025 – Sep 2025

Co-Lead, Intel IoT Club

Jun 2024 – Jan 2025

Publications

Deep Learning Architectures for Skin Lesion Classification

ICISCoIS 2026 : 2nd Int'l Conf. Coimbatore, India.

DOI: [10.1109/ICISCoIS62701.2026.11447666](https://doi.org/10.1109/ICISCoIS62701.2026.11447666)

Certifications

- AWS Certified Cloud Practitioner
- Cisco Certified Network Associate

[Verify](#)