

Rahul Badami

Bangalore, India | +91-9031824664 | srahulbadami@gmail.com
LinkedIn | GitHub

WORK EXPERIENCE

Amazon India

Software Development Engineer II

Bangalore, India
Dec 2023 – Present

- Designed and implemented **FinCEN-compliant transaction control systems** across AE, SA, and ZA marketplaces, enabling secure and scalable payment processing.
- Built **vendor disbursement infrastructure** integrating banking systems (HSBC/CITI), ensuring reliable multi-region financial workflows.
- Redesigned **WAF bypass protection architecture** using token-based authentication, Cloudflare integration, and AWS KMS, improving system security.
- Architected **event-driven systems** using AWS services to enable fault-tolerant and scalable transaction processing.
- Resolved a **critical 2-year deployment issue** (12% success rate) by identifying dependency conflicts causing runtime failures, reducing deployment delays by **16–18 hours**.
- Collaborated across **international teams (home/away model)** to align on distributed workflows and ensure system consistency.
- Mentored junior engineers through **code reviews, design discussions, and debugging guidance**, improving team delivery quality.

Software Development Engineer I

May 2021 – Dec 2023

- Built backend services for **SmartBiz platform**, including catalog upload/download systems using AWS Step Functions.
- Developed **custom domain integration system** using AWS Lambda, CloudFormation, and Global Accelerator.
- Designed **payment reliability systems** including rollback handling, double-debit detection, and automated refunds.
- Implemented **config-driven payment modules** supporting multiple payment methods.
- Improved **Android app performance** and reduced app size while managing Android Vitals.

Perpule (1Pay)

Software Engineering Intern

Bangalore, India
2020 – 2021

- Built **multi-tenant order management systems** supporting multiple sellers and databases.
- Developed **POS and ecommerce solutions** using VueJS and Angular.
- Owned development of **desktop POS system**, handling order and payment workflows.

EDUCATION

Indian Institute of Information Technology Kottayam

Bachelor of Technology in Computer Science

India
2021

SKILLS

Languages: Java, Python, JavaScript, C++, C

Frameworks: Spring Boot, React, Angular, VueJS

Technologies: AWS (Lambda, Step Functions, CloudFormation), Microservices, REST APIs, MySQL, MongoDB

Concepts: Distributed Systems, System Design, Payment Systems, Scalability, Security

ACHIEVEMENTS

- Selected for **Google Summer of Code (2018, 2020)** under OWASP Foundation.
- Contributed to **open-source ecosystems**, including resolving critical issues and improving developer tooling.