

# Rohit Samudralwar

📍 Pune ✉ samudralwar1@gmail.com ☎ +91-7057165987 📄 in/rohit-samudralwar-22613012b

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## SUMMARY

Software Engineer with **6 years of experience at Amazon**, specializing in building **scalable distributed systems** and **high-volume financial platforms**. Experienced in designing and delivering **backend systems processing \$30B+ monthly transactions and 500M+ events**, with a focus on **reliability, automation, and system scalability**. Skilled in **Java, AWS, and event-driven architectures**, with strong ownership in driving end-to-end system design and improving operational efficiency.

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## EXPERIENCE

### Software Development Engineer - 2

Amazon India

December 2022 - PRESENT, Pune

- Designed and developed a **next-generation cash reconciliation system** in Finance Tech, processing **\$30B+ monthly volume across 500M+ transactions**.
- Built a **scalable reconciliation framework** to validate and test new reconciliation logic, improving overall reconciliation accuracy from **90% to 97% over 2 years**.
- Developed **PRISM**, an automated ticketing and resolution system for unreconciled cash, generating **300+ tickets** for banking partners with precise root cause analysis.
- Enabled **~70% auto-resolution** of reconciliation issues through intelligent strategies such as event reprocessing and heuristic-based cash-to-remittance matching, significantly reducing manual intervention.

### Software Development Engineer - 1

Amazon India

July 2020 - November 2022, Pune, India

- Built a **product catalog ingestion system** in the Supply Chain domain, enabling onboarding of brands like **Sephora**.
- Developed **end-to-end pipelines** for catalog, pricing, and inventory updates via multiple integration methods.
- Implemented **synchronous and asynchronous workflows with SFTP-based ingestion**, supporting up to **500 TPS** for external integrations.

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## EDUCATION

### Bachelor of Technology - Communication and Computer Science

LNMIIT • Jaipur • 2020 • 7.2/10

- Communication and Computer Science.

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## SKILLS

Java, Python, C++

Spring Boot, REST APIs, Microservices Architecture, Docker, CI/CD, Git

AWS (Lambda, ECS, ECR, S3, DynamoDB, SQS, SNS, CDK)

DynamoDB, SQL, NoSQL, Data Modeling

Distributed Systems, Event-Driven Architecture, Scalability, High Availability, Fault Tolerance

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## AWARDS & HONORS

### Winners - Smart India Hackathon 2019 (By Gov. of India).

Gov. of India • 2019

### ACM ICPC '18 India Regionalist

ICPC • 2018

### ACM ICPC '17 India Regionalist

ICPC • 2017

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