

# Bharat Arora

+91-9673213072

bharatarora3072@gmail.com

arorabharat3072

github.com/arorabharat

## Summary

---

Senior backend engineer with 6+ years of experience building high-scale distributed systems, event-driven architectures, and subscription platforms. Proficient in Java, Spring Boot, and AWS with a track record of leading cross-functional initiatives and delivering measurable business impact.

## Experience

---

### Amazon India (Software Development Engineer II)

Oct 2021 – Present

- Led a team of 3 SDEs to grow prime retention sign-ups by 4x (from 500 to 2,000 daily) by launching the **Prime stack plan and auto-renew upsell** on high-TPS surfaces (Amazon homepage), driving  $\sim 620K$  incremental sign-ups/year and  $\sim 6M$  annual revenue impact.
- Designed and built a **communication channel agnostic prime notification scheduler**, orchestrating  $\sim 150K$  notifications/day and driving  $\sim 1.2K - 1.5K$  sign-ups per day.
- Owned **cross-region infrastructure migration** of prime tier-2 service as part of ongoing Worldwide (WW) Amazon initiative to reduce regional load, delivered within 3-week deadline.
- Proposed and led a **cross-org convergence initiative** to align IN and WW Prime retention architectures, defining the leadership-approved roadmap for a **pluggable marketplace solution** that enables future WW launches in India without marketplace-specific customizations.
- Enabled **device-based card tokenization for INPrime** to comply with RBI mandate, redesigning prime plan buying journey for new users and migrating  $\sim 4 - 5M$  existing customers through collaboration with BillDesk and Amazon Payments teams.
- Led architecture and implementation of **Standing Instruction to E-Mandate migration** for India Prime recurring charges, achieving RBI compliance, enhancing user experience, and delivering  $\sim 4\%$  uplift in charge success rates.
- Supported team growth by driving **25+ SDE interviews, mentoring multiple interns, and onboarding** new engineers to ensure smooth integration and sustained delivery velocity.

### Goldman Sachs (Technology Analyst)

Jul 2019 – Oct 2021

- Led end-to-end integration of SAP Concur with Goldman Sachs reimbursement system, including building **Spring Batch-based processing adapter** for merchants without native Concur integration.
- Implemented core modules for **Goldman Sachs Electronic Trading (GSET)** platform during transition from C++ to **GC-free Java stack**, delivering  $\sim 10\%$  faster execution and shortened release cycles.

### Samsung R&D Center (Software Development Intern)

Jan 2019 – June 2019

- Implemented **remote monitoring and control** for IoT-enabled doors in **Samsung SmartThings**, achieving  $> 80\%$  test coverage using ExpressJS, Mocha, Mongoose, and Node.js.

## Education

---

### BITS Pilani, K.K Birla Goa Campus

August 2014 – June 2019

M.Sc. (Hons) Economics and B.E.(Hons) Computer Science

(GPA) 8.00 / 10.00

## Technical Skills

---

**Languages & Frameworks:** Java, C++, JavaScript, Spring Boot, Node.js, MySQL, RESTful APIs

**Tools & Technologies:** Docker, Kafka, Git, Maven/Gradle, AWS (Lambda, SNS, SQS, DynamoDB, CloudWatch, S3, ALB/NLB, API Gateway, CDK)

**Concepts:** Distributed Systems, Microservices, Event-Driven Architecture, Concurrency, High-TPS & Low-Latency Systems, Scalability, Fault Tolerance, Asynchronous Processing, Load Balancing