# Arjun Krishnamurthy

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## SUMMARY

Senior Software Engineer with 5+ years of experience building high-scale payment systems. Currently at Razorpay, leading a team of 4 engineers. Passionate about distributed systems, API design, and mentoring junior developers.

## EXPERIENCE

### Senior Software Engineer
*Razorpay | Bangalore | 2022 - Present*

- Led the redesign of payment retry mechanism, reducing failed transactions by 23% and recovering ₹2.3Cr monthly revenue
- Architected and implemented a new webhook delivery system handling 50M+ events/day with 99.99% reliability
- Mentored 4 junior engineers; 2 promoted to SDE-2 within 18 months
- Reduced API latency by 40% through database query optimization and caching strategies

### Software Engineer
*Flipkart | Bangalore | 2020 - 2022*

- Built inventory management microservice handling 100K+ SKUs for grocery vertical
- Implemented real-time stock updates using Kafka, reducing overselling incidents by 85%
- Contributed to Big Billion Days sale infrastructure, supporting 10M+ concurrent users

### Software Engineer
*Freshworks | Chennai | 2019 - 2020*

- Developed REST APIs for customer ticketing system used by 50K+ businesses
- Improved test coverage from 45% to 82% using Jest and integration tests

## EDUCATION

### B.Tech in Computer Science
NIT Trichy | 2019 | 8.7/10

## SKILLS

- Languages: Java, Go, Python, JavaScript
- Frameworks: Spring Boot, Node.js, React
- Databases: PostgreSQL, Redis, MongoDB, Elasticsearch
- Tools: Kubernetes, Docker, Kafka, AWS, Terraform
- Concepts: System Design, Microservices, API Design, CI/CD

## ACHIEVEMENTS

- Speaker at GopherCon India 2023 - 'Building Reliable Payment Systems'
- Open source contributor to Apache Kafka (3 merged PRs)
- Razorpay Spot Award for Payment Retry System (Q2 2023)