Aditi Bose

Senior Software Engineer (Backend)

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Summary

Backend software engineer with experience in transaction services, reconciliation and API performance. Leads technical delivery for a settlement service, mentors engineers and participates in incident response.

Experience

Senior Software Engineer, Example Northstar Payments — Jun 2022 - Present

Bengaluru, India

- Lead technical delivery for a settlement service handling transactions through three banking integrations.
- Redesigned reconciliation from nightly batch to incremental, cutting the settlement-mismatch investigation window from 14 hours to 40 minutes.
- Reduced payout API p99 latency from 840ms to 210ms in a repeatable load test at 2,000 requests per second by removing redundant synchronous reads.
- Coordinated a staged migration of six services to separate database schemas, with reconciliation checks and rollback plans.
- Mentor 3 engineers, run design reviews, and own the on-call rota for the team.

Software Engineer, Example Meadow Commerce — Jul 2018 - May 2022

Bengaluru, India

- Built an inventory-reservation service and tested it at 4,000 requests per second using a simulated sale workload.
- Added idempotency keys and bounded retries to address duplicate checkout requests identified in incident reviews.
- Wrote the load-testing harness the team still uses before every sale event.

Education

B.Tech, Computer Science and Engineering — 2014 - 2018

Example Lakeside University · 9.1 CGPA

Skills

Languages: Java, Go, Python, SQL

Systems: Distributed systems, Event-driven architecture, Kafka, Redis, PostgreSQL, MySQL

Practice: System design, Incident response and postmortems, Code review, Load testing, On-call ownership

Languages

English · Bengali · Hindi · Kannada

Sample resume from ResumeGuru.
www.resumeguru.ai/resume-samples/professional-software-engineer-resume-sample