

Mihir Dutta

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Professional Summary

Results-oriented Software Engineer with 3+ years of experience developing scalable backend systems, modernizing legacy monoliths, and leading technical migrations. Proficient in Java, PHP, Spring, Microservices, and SQL, with strong cross-functional collaboration skills in Agile environments.

Skills

Languages: Java, PHP, SQL, C, C++, Python

Technologies/Frameworks: Spring, Hibernate, Maven, JUnit, Symfony, Payara

Developer Tools: CI/CD, Docker, Kubernetes, VSCode, IntelliJ, PHPStorm, Postman, DBeaver, Git

Cloud & DevOps: ElasticSearch, Kibana, Google Cloud, Microservices, RESTful services

Methodologies: Agile, SDLC, Cross-functional collaboration

Soft Skills: Leadership, Active listening, Problem solving, Communication, Teamwork, Resilience

Experience

Software Engineer I, Rakuten India — Bangalore, India January 2025 – Present

- **RCash Batch Improvement - Kaizen**

- Optimized existing batch jobs to boost performance without altering transactional behavior.
- Reduced memory footprint by 18% and CPU utilization by 30% in production runs.
- Preserved full data integrity and rollback semantics across all batch steps.
- Delivered performance gains with no functional changes, ensuring stable post-release operations.

- **RCash R-Point Award System – Phase 3:** Led a team of 2 to develop services managing accounts of 15M+ monthly active users.

- Designed and built a scalable admin interface enabling non-technical teams to configure reward logic, reducing developer intervention by 60%.

Associate Software Engineer, Rakuten India — Bangalore, India October 2022 – December 2024

- **RCash R-Point Award System – Phase 1 & 2:** Designed and developed a user rewards feature rolled out in 3 phases.

- Enabled users to earn points based on transaction volume and service type.
- Built batch system managing 600M+ records, improving performance by 50%.
- Integrated payment and profile APIs for real-time reward tracking.

- **RCash BCP Migration:** Migrated 100+ PHP 5.4 batches to PHP 8.3 with Symfony.

- Directed 40+ batch migrations and regression tests, ensuring backward compatibility.
- Migrated 13 legacy data jobs from Oracle to MySQL, reducing database load by 15% and batch time by 50%.
- Executed 100+ unit and integration tests to validate post-migration performance.

Certifications

MTA:Introduction to Programming Using Java - Microsoft

July 2019

MTA:Introduction to Programming Using Python - Microsoft

June 2020

Education

Medi-Caps University, Indore — B.Tech. in Electronics and Communications Engineering

June 2022

CMC School, Jabalpur — Class 12, 75.2%

March 2018