Mihir Dutta

dutta.mihirr@gmail.com | +91 7024267076 | LinkedIn | Bangalore, India

Professional Summary

Results-oriented Software Engineer with 2+ 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 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.
- **RPay Modernization:** Migrated legacy monolithic codebase to a microservices architecture, enhancing scalability and modularity.
  - Developed 30+ automated shell scripts for Oracle-to-MySQL data validation, reducing manual QA effort.
  - Migrated 5+ data batches to microservices-based MySQL, improving processing efficiency by 30%.

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*