

Ketan Pal

☎ 8840869984 | ✉ ketanpal2002@gmail.com | 📍 Kanpur, India

SUMMARY

Highly self-motivated Junior Software Engineer specializing in backend development for Open Banking finance organizations using Java, Spring Boot, and microservices architecture.

EXPERIENCE

Epam Systems

July 2024 – Present

Junior Software Engineer | Client: Mastercard

Hyderabad, India

Project: Consumer Consent Service

- **Java Modernization:** Updated legacy Java 8 codebase to a newer Java version and upgraded to the latest stable dependencies
- **Database Migration:** Transitioned the database from MongoDB to PostgreSQL ensuring a stable production rollout
- **Retention Automation:** Created data retention policy batch jobs to ensure policy-compliant lifecycle management
- **Data Modeling:** Converted unstructured data into relational tables to improve integrity and queryability
- **SLA Performance:** Consistently kept performance metrics within SLA thresholds after migration and transformation changes

Project: MY Data (GDPR Compliance)

- **Critical Security Fix:** Resolved high severity production vulnerability, completing development and testing within **48 hours** of identification
- **Feature Enhancements:** Delivered two feature improvements (M & S complexity) enhancing product functionality and user experience
- **Catalog Management Feature:** Built in-house catalog portal with cross-project integration, replacing manual Excel-based processes with direct user management capabilities
- **Agile Development:** Collaborated with cross-functional teams in Agile environment, participating in Agile ceremonies to ensure timely delivery of high-quality software

EDUCATION

Chandigarh University

Bachelor of Engineering in Computer Science and Engineering

SKILLS

Languages & Frameworks : Java, Spring Boot, SQL, Maven, PostgreSQL, JUnit, TestNG

Tools & Platforms : Linux, Git, Cloud Foundry, Selenium, Sonar, Jenkins, Blackduck, Checkmarx, Jira

Specialized Skills : Prompt Engineering, Agentic AI, Microservices Architecture, Problem Solving, Estimation

PROFESSIONAL INTERESTS

Agentic AI, Prompt Engineering, Cloud Technologies, Software Architectures