

# KISHAN KUMAR PANDEY

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## PROFESSIONAL SUMMARY

Java Backend Developer with **3+ years of experience** building and maintaining **banking applications and integrations** using **Java and Spring Boot**. Hands-on experience in developing **APIs integrated with Core Banking Systems** using **FIXML**, resolving **production issues**, and fixing **security vulnerabilities** in regulated **FinTech environments**. Contributed to **cloud migration initiatives** and modernization efforts including **Oracle-based systems to AWS** and **UI migration from JSP to Thymeleaf**.

## TECHNICAL SKILLS

**Core Backend:** Java 8+, Spring Boot, Spring MVC, Spring Security, Hibernate/JPA, RESTful APIs, Microservices, Multithreading  
**Databases & Cloud:** Oracle, MySQL, H2, Query Optimization, AWS (EC2, S3)

**Security:** AES-256 Encryption, JWT/OAuth 2.0, Authentication & Authorization, CSRF Protection, PCI-DSS, ISO 27001

**DevOps & Tools:** Git, Jenkins CI/CD, Maven, Ansible, Postman, Jira, Swagger, JUnit, Mockito, Log4j, Splunk

**Frontend (Secondary):** Thymeleaf, JSP/JSTL, JavaScript, jQuery, HTML5, CSS3

**Integration:** REST API, JPA, JMS, XML, XSLT, SOAP

## PROFESSIONAL EXPERIENCE

### Software Engineer

Feb 2023 – Present

#### Financial Software and Systems Pvt. Ltd., Chennai

- Designed and developed core banking modules (Nominee Registration, ASBA, Payee Management, Fund Transfer) ensuring secure delivery for **10K+ daily transactions**
- Led Oracle to MySQL migration, optimizing **500+ SQL queries** with **40% performance improvement** across **2M+ records**
- Resolved **50+ production incidents** through systematic log analysis (Log4j, Splunk) and root-cause analysis, reducing MTTR by **35%**
- Built CI/CD pipelines in Jenkins automating builds and deployments, improving release speed by **50%**
- Implemented comprehensive security framework (AES-256, CSRF, Google Play Integrity, iOS App Attestation) achieving PCI-DSS and ISO 27001 compliance
- Developed server-rendered UI pages using Thymeleaf and JSP/JSTL, improving page load times by **30%**
- Integrated **15+ legacy banking systems** using XML/XSLT transformations for seamless data exchange
- Provided 24/7 production support with 2-hour average resolution time

### Software Engineer Trainee

Feb 2023 – Aug 2023

#### Financial Software and Systems Pvt. Ltd., Chennai

- Developed backend RESTful APIs and microservices using Java and Spring Boot in compliance with client specifications and regulatory requirements (PCI-DSS, ISO 27001)
- Analyzed application logs to diagnose and resolve real-time transaction failures across dev, staging, and production environments
- Collaborated with network and server engineering teams to orchestrate seamless build deployments, gaining hands-on experience in backend, frontend, and database communication workflows
- Identified and patched **5+ security vulnerabilities** in mobile banking applications, enhancing data integrity and securing sensitive customer Personal data

## KEY PROJECTS

### Bank Repository CRUD Application – Personal Project

- Developed Spring Boot microservice with RESTful APIs for bank account management using layered MVC architecture
- Implemented Controller-Service-Repository pattern with Spring Data JPA and Hibernate for MySQL operations
- Built endpoints with Swagger/OpenAPI documentation, Bean Validation, global exception handling, and structured logging
- Tech Stack:** Spring Boot, Spring Data JPA, Hibernate, MySQL, REST API, Maven, JUnit, Mockito

## EDUCATION

### Master of Computer Applications (MCA)

Kalinga Institute of Industrial Technology (KIIT), Bhubaneswar

2021 – 2023

CGPA: 8.36/10.0

### Bachelor of Computer Applications (BCA)

G.J College Rambhag Bihta, Patna University

2018 – 2021

Percentage: 73.6/100

## ACHIEVEMENTS & CERTIFICATIONS

**Employee of the Quarter (Q1 & Q3 2024)** – Security enhancements and vulnerability remediation

**Certifications:** Spring Boot & Microservices (Udemy), SQL Advanced (HackerRank)

**Languages:** English (Professional), Hindi (Native), Bhojpuri (Native)