# KISHAN KUMAR PANDEY

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## PROFESSIONAL SUMMARY

Backend Java Developer with **3 years** of experience building high-performance APIs and microservices using Java, Spring Boot, and Hibernate. Proven expertise in designing scalable architectures, optimizing database performance, and resolving critical production issues in the financial services domain. Delivered solutions processing **10K+ daily transactions** with **99.9% uptime**.

## TECHNICAL SKILLS

**Backend:** Java 8+, Spring Boot, Spring MVC, Spring Security, Spring IOC, Hibernate/JPA, RESTful APIs
**Frontend:** Thymeleaf, JSP/JSTL, JavaScript, jQuery, HTML, CSS
**Database & Cloud:** Oracle, MySQL, H2, AWS (EC2, S3)
**DevOps & Tools:** Git, Bitbucket, Jenkins CI/CD, Maven, Ansible, Postman, Jira, Swagger
**Security:** AES Encryption, Hashing, JWT/OAuth, Authentication & Authorization, CSRF Tokenization
**Technologies:** Microservices, REST API, JPA, JMS, XML, XSLT

## PROFESSIONAL EXPERIENCE

**Software Engineer**    *Feb 2023 – Present*
*Financial Software and Systems Pvt. Ltd.*, Chennai

- Designed and developed core banking modules including Nominee Registration, ASBA (IPO), Payee Registration, Customer Limit Configuration, and Fund Transfer ensuring high stability and secure service delivery for **10K+ daily transactions**
- Led end-to-end database migration from Oracle to MySQL, rewriting and optimizing **500+ SQL queries**, reducing execution time by **40%**, and validating data integrity across **2M+ records** in collaboration with DB team
- Analyzed and resolved **50+ high-priority production issues** through systematic log debugging, transaction tracing, and root-cause analysis, reducing incident response time by **35%** and ensuring minimal downtime
- Built and optimized CI/CD pipelines in Jenkins to automate builds and deployments, improving release speed by **50%** and operational efficiency through automated testing and monitoring
- Implemented AES-256 encryption, hashing utilities, secure API signing, CSRF tokenization, Google Play App Integrity, and iOS App Attestation to meet PCI-DSS and ISO 27001 compliance standards
- Developed responsive server-rendered UI pages using Thymeleaf and JSP/JSTL for form submissions, workflows, and dynamic content rendering, improving page load times by **30%**
- Integrated **15+ legacy banking systems** using XML-based request/response structures and applied XSLT transformations for seamless client system integration and data exchange
- Provided 24/7 production support with 2-hour average resolution time, collaborating cross-functionally with network, server, and database engineering teams

**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 full-stack Spring Boot microservice application for managing bank accounts with comprehensive CRUD functionality
- Implemented layered architecture (Controller-Service-Repository pattern) with Spring Data JPA and Hibernate for MySQL database operations
- Built RESTful endpoints with Swagger/OpenAPI documentation, input validation, exception handling, and structured logging
- Technologies: Spring Boot, Spring Data JPA, Hibernate, MySQL, REST API, Maven, Postman, Swagger

## ACHIEVEMENTS & RECOGNITION

- **Employee of the Quarter (Q1 & Q3 2024)** – Recognized for exceptional contributions to security enhancements and vulnerability fixes initiative
- **Certifications:** Spring Boot and Microservices (Udemy), SQL Advanced (HackerRank)
- **Languages:** English (Professional), Hindi (Native), Bhojpuri (Native)

## 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