

Pravendra Singh Khichi

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Professional Summary

Senior Software Engineer with over 4 years of experience in full-stack development. Specialized in designing and implementing enterprise-grade financial applications using Java, Spring Boot, and microservices architecture. Proven track record of delivering complex technical solutions, optimizing system performance, and ensuring regulatory compliance. Known for technical leadership and high-impact problem solving.

Education

Indian Institute of Technology (IIT) Jodhpur

2016 – 2020

B.Tech in Electrical Engineering (GPA: 6.94)

Relevant Coursework: Artificial Intelligence, Learning Algorithms, Computational Theory

Achievements: Top branch rankings; Finalist at Microsoft Hackathon (Code.Fun.Do)

Technical Skills

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

Frameworks: Spring Boot, J2EE, Hibernate, REST API, AngularJS, Vue, Node.js

Tools: Selenium, Git, Docker, Redis, Elasticsearch, TDD

Databases: MySQL, Redis, Oracle

Concepts: Microservices, Cloud Storage, API Development, Web Applications

Practices: Agile, Test-Driven Development (TDD), API Development

Career Achievements

- Awarded 3 Spot Awards at Nucleus Software for exceptional technical contributions and leadership.
- Reduced payment processing time from 2 hours to 10–15 minutes through performance optimization.
- Led adoption of Test-Driven Development (TDD), increasing code quality and reducing production bugs.
- Developed BOD Refresh Master to automate daily banking operations and reduce manual overhead.
- Built API Aggregator enabling seamless system integrations and format transformation.
- Delivered successful UAT sign-offs and deployments for ICICI Bank under tight deadlines.
- Managed a team of 10+ engineers and reviewed over 1,500 pull requests.

Professional Experience

Senior Software Engineer — Nucleus Software Export LTD, Noida, Delhi

Jan 2021 – Present

Responsibilities:

- Led backend development for enterprise lending platforms using Java, Spring Boot, Hibernate, Oracle.
- Implemented TDD workflows; conducted peer reviews for 1,500+ pull requests.
- Mentored junior developers and conducted internal tech talks and KT sessions.
- Collaborated with cross-functional teams for release planning and on-site deployments.

Achievements:

- Automated daily banking routines via BOD Refresh Master.
- Delivered Charge Wise Master API for charge compliance and automation.
- Reduced batch processing time by optimizing data match-off logic.
- Built modular systems for agent-based charging and data scheduling workflows.