

Chandrabhas Thakur

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PROFILE

Java Backend Developer with 3+ experience in building microservices, developing RESTful APIs, integrating databases, optimizing backend performance, and contributing to production-grade applications in the FinTech and Government procurement domains. Skilled in Java, Spring Boot, Redis, PostgreSQL, SQL Server, AWS services, and Agile development.

SKILLS

Programming & Backend: Java (8+), OOP, Multithreading, Collections, Design Patterns, Concurrency, System Design

Frameworks & Architecture: Spring Boot, Microservices, REST APIs, Hibernate/JPA, Event-driven Architecture

Databases & Messaging: SQL, PostgreSQL, Redis, Apache Kafka

Tools & Platforms: Git, Maven, Postman, Swagger/OpenAPI, JUnit, Mockito, Gatling

DevOps & Infrastructure: AWS, Jenkins, CI/CD, Linux, Docker, Prometheus, Grafana, EFK Stack, Nginx

Methodologies & Practices: Agile, Scrum, SDLC

EXPERIENCE

National Payments Corporation of India

Mumbai, India

Senior Software Developer

Nov 2024 – Present

- Designed and scaled **Spring Boot microservices** for **BHIM UPI** (User Authentication, Homepage, Payments), supporting **billions of daily transactions** with **99.9% uptime** while ensuring **RBI/NPCI compliance**.
- Developed **50+ REST APIs** for Merchant Plugin SDK, in-app UPI payments, Gold Loan, NPCI synchronization, and integrations with multiple payment aggregators (**Razorpay, PayU, Juspay, BillDesk**), delivering secure and scalable payment solutions.
- Improved performance by implementing **multithreading, connection pooling, Redis Sentinel migration**, and **database segregation**, reducing transaction latency by **25–40%** and improving availability.
- Built and maintained **Spring Cloud Config Server, Spring Cloud Bus (Refresh Bus)**, Merchant Plugin **Admin Portals**, and centralized configuration management for distributed microservices.
- Automated large-scale workflows using **Spring Scheduler** and **ExecutorService**, enabling efficient cron-based processing, personalized offer distribution, and background task execution.

CGI

Chennai, India

Associate Software Engineer

July 2023 – Nov 2024

- Developed Spring Boot backend microservices for the eVA government procurement platform, optimizing procurement workflows and overall system performance.
- Built REST APIs for integration with enterprise financial systems and optimized SQL Server (SSMS) queries to improve data retrieval efficiency.
- Conducted JMeter performance testing to validate scalability, reliability, and application performance under load.

EDUCATION

Poornima Institute of Engineering and Technology, Jaipur

Aug 2019 – June 2023

B.Tech in Computer Science

CGPA | 9.2

CERTIFICATION AND ACHIEVEMENTS

- Winner of **Wizard Coding Competition**, recognized with a **Well Done Award** for problem-solving excellence at NPCI.
- Best Team of the Quarter FY 2024 (Q2)** – Achieved an MSAP score of 9.94 due to outstanding project delivery and team collaboration.
- Completed **Ivalua Foundation (L1) and Configuration (L2)** training, gaining expertise in procurement workflows, platform configuration, business rules, workflows, forms, and user access management.