

Ankur Karna

+91-9891079828 | ankurkarna0100@gmail.com | www.linkedin.com/in/ankurkarna/ | github.com/ankurkarna

SUMMARY

Java Developer with 2+ years of experience in building scalable backend solutions for manufacturing and analytics using Spring Boot, REST APIs, and Agile practices.

EXPERIENCE

- HCLTech** Sep 2022 – Mar 2025
Software Engineer Noida, UP, IN
 - Built REST APIs for manufacturing systems with Spring Security and JWT, securing data for 1000+ users and cutting response times by 25%.
 - Optimized microservices with JPA/MySQL, using indexing and caching to reduce query execution time by 35% for client applications.
 - Migrated legacy Java systems to Windows Server 2022 using Docker and Maven, achieving zero downtime for high-availability deployments.
 - Enhanced performance with multithreading via ExecutorService, processing 1000+ daily transactions with 20% improved throughput.
 - Drove Agile development, debugging with JUnit/Mockito and streamlining CI/CD with Jenkins, accelerating release cycles by 20%.

TECHNICAL SKILLS

Languages & Frameworks: Java (8, 11, 17), Spring Boot, Spring MVC, JPA, Spring Security, Hibernate, REST APIs, Multithreading
Tools & Platforms: Maven, Gradle, JUnit, Mockito, Git, GitHub, Postman, Docker, Jenkins, Microsoft Power Platform
Databases: MySQL, PL/SQL, MongoDB,
Cloud & DevOps: AWS (EC2, S3), Kubernetes (basic), CI/CD pipelines
Methodologies: OOP, DSA, Microservices Architecture, Agile

PROJECTS

- Work Order Tracking System** | *HCLTech*
- Built Spring Boot microservices app with MySQL, automating Work Order creation with 10+ REST APIs, saving 15 hours weekly.
 - Used multithreading with ExecutorService for 1000+ users' WO data, cutting latency by 25%.
 - Created KPI calculations for Agile/Waterfall, with Power BI dashboards for burn rate and resource utilization, boosting decisions by 30%.
- Customer Insight Pro** | *Personal Project*
- Built Spring Boot platform for sales trends with 15+ REST APIs and Power BI, achieving 25% faster queries.
 - Optimized MySQL queries with indexing, improving data retrieval reliability for 1000+ records.

EDUCATION

Bharati Vidyapeeth's College of Engineering, IPU Delhi, India
B.Tech in Computer Science & Engineering Aug. 2019 – May 2022

CERTIFICATION

AWS Certified Cloud Practitioner Apr 2023 – Mar 2026