Nishant Raj

nishant.read@gmail.com | linkedin.com/in/nishantunderstand

PROFILE SUMMARY

Java Backend Developer with **3.6+ years** of experience in building Spring Boot applications and REST APIs. Proficient in Spring MVC, JPA, Security, multithreading, exception handling, and unit testing with JUnit/Mockito.

EXPERIENCE

Tata Consultancy Services (TCS)   Jan 2023 – Present
Java Backend Engineer   *Noida, India*

Walgreens Boots Alliance
- Reduced critical downtime incidents by **60%** through proactive fault detection mechanisms on production servers.
- Integrated payment gateway flow using Worldpay, resulting in a **90%** reduction in failed transactions and improved customer checkout experience.
- Spearheaded development and maintenance of a robust payment module using **Java, Hibernate, JPA, and Lombok**, streamlining transactions across services.
- Implemented comprehensive unit and integration test suites with **JUnit** and **Mockito**, increasing test coverage by **30%** and reducing post-deployment bugs by **20%**.

Carasoft
- Redesigned the user notifications module from the ground up, leading to a **40%** increase in user engagement and system responsiveness.
- Engineered secure permission handling with RBAC and **JWT authentication**, cutting access-related bugs by **90%** and hardening the system's security.
- Established structured error logging using **Apache Log4j**, improving root cause analysis speed by **45%** across **20+** microservices.

Tech Mahindra   Aug 2021 – Sep 2022
Associate Software Engineer   *Noida, India*

Mountain Crew
- Owned module-wise documentation for the **Mountain Crew** project, detailing data flows, mappings, and exception handling to enhance developer onboarding and maintainability.
- Managed **JDBC** thread connection pooling for optimized and consistent database operations under concurrent load.
- Implemented multi-threaded data processors using Java concurrency APIs such as **Fork-Join**, **Synchronization**, and the **Executor Framework**.
- Diagnosed and resolved high-priority production incidents via **GCP Log Server**, reducing mean time to recovery (MTTR).

TECHNICAL SKILLS

Languages: Java (Core Java, Java 8), SQL, Shell/BAT Scripts
Frameworks & Libraries: Spring Boot, Spring MVC, Spring Security, Hibernate, JUnit, Mockito, Log4j, RESTful APIs
Microservices & Architecture: Microservices, JWT, RBAC, Apache Kafka, Threading (Executor Service, Fork-Join), HikariCP
Tools & Platforms: Git, TortoiseGit, Maven, Jenkins, Docker, Postman, SOAP UI, CMD, PowerShell
IDEs: IntelliJ IDEA, Eclipse, VS Code
Databases: IBM DB2, MySQL, Oracle DB
Cloud & Monitoring: Google Cloud Platform (Certified), Microsoft Azure Fundamentals (AZ-900), Apache Log4j, GCP Log Server

EDUCATION

Dr. Akhilesh Das Gupta Institute of Technology and Management   New Delhi
Bachelor of Technology in Computer Science; GPA: 7.63/10   *Aug. 2016 – Nov. 2020*

Central Academy Senior Secondary School   Rajasthan
Intermediate; CGPA: 8.2   *Apr. 2014 – May. 2015*

Sarvodaya Bal Vidyalaya   New Delhi
High School; CGPA: 8.4   *Apr. 2012 – May. 2013*