Nishant Raj

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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

Noida, India

Java Backend Engineer

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 Noida, India

Associate Software Engineer

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

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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	$Apr.\ 2012-May.\ 2013$