Md Nazir

Java Developer | Backend Engineer | 2+ Yrs Experience

Passionate Java Developer with 2+ years of experience building scalable backend systems using Spring Boot/MVC and Oracle PL/SQL, with a strong interest in debugging and efficiently solving complex challenges.

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Technical Skills

- **Languages:** Java, JavaScript, PL/SQL, HTML5, CSS3
- **Frameworks / Libraries:** Java 8/17, Multithreading, Collection Framework, JMS, OOPS, JDBC, Servlet, Spring Boot, Spring MVC, Hibernate, Microservices, JUnit, Node.js, Express.js, React.js
- **Databases:** MySQL, Oracle, MongoDB
- **Tools & DevOps:** Eclipse, IntelliJ IDEA, Maven, Docker, Kubernetes, Postman, Jenkins, SonarQube, Git, Bitbucket, Linux
- **Cloud & Messaging:** AWS, IBM WebSphere, Kafka, IBM MQ Client
- **Methodologies & Concepts:** Agile, AI Integration, MERN Stack

Education

Bachelor of Civil Engineering   *Uttarakhand*

Roorkee Institute of Technology   *Aug 2018 – June 2022*
- Current CGPA: 8.74

Professional Experience

Opalina Technologies | Java Developer   *Noida May 2023 – present*
Project: Banking Application | Responsibilities

- Collaborated on the development and maintenance of core banking modules, addressing real-time production issues to ensure uninterrupted service availability and user satisfaction.
- Integrated IBM MQ messaging by implementing robust JMS logic in Java code and configuring channels, queues, and listeners on WebSphere Application Server for seamless asynchronous communication.
- Designed and consumed RESTful web services to facilitate secure inter-system communication across distributed modules and partner applications.
- Implemented AES-based encryption and decryption logic within legacy codebase to secure sensitive banking transactions, enhancing system compliance with data protection policies.
- Led the successful migration of Oracle databases, involving data export/import, schema alignment, and compatibility validation for upgraded backend infrastructure.
- Modernized the system by migrating SOAP-based web services to JMS-based architecture, improving scalability, reducing latency, and simplifying service orchestration.
- Optimized SQL queries and built complex stored procedures to power real-time dashboards, significantly improving query response time and system performance.
- Managed multiple version upgrades of internal libraries and frameworks while ensuring backward compatibility and regression-free deployment.
- Actively participated in performance tuning, deployment planning, and incident resolution for a large-scale, mission-critical banking platform serving thousands of concurrent users.

CETPA Infotech Pvt.Ltd | Java Full Stack Developer Trainee   *Noida Aug 2022 – Feb 2023*

- Developed multiple full-stack web applications and mini projects covering a wide range of core and advanced Java concepts. Applied **OOPs**, **Servlet**, **JSP**, **JDBC**, **Hibernate**, and **Spring MVC/Spring Boot** to build projects like:
- **Mini Online Exam**, **Mini Banking**, and **Number Puzzle** using Core Java principles
- **ToDo App** and **Notes Taker** integrating frontend (HTML, CSS, JS, Bootstrap) with Servlet and JDBC
- **Employee Dashboard & Out-In Management System** built using Spring MVC and Hibernate for real-time employee tracking
- **Bookstore Inventory Management System** with CRUD operations and inventory tracking using Spring Boot
- **Doctor Suggestion REST API** designed with Spring Boot and RESTful architecture

Personal Project

Project: PeerLink – P2P File Sharing App | Responsibilities
- Engineered a Java 11 backend for a file-sharing system using invite codes & dynamic port allocation.
- Implemented WebSocket-based direct peer transfers and drag-and-drop UI (Next.js/React).
- **Tech**: Java, Maven, WebSocket, Next.js, Node.js

Project: CRM – Customer Relationship Management System | Responsibilities
- Built a role-based CRM system as a final bootcamp project featuring employee, manager, owner, and admin roles
- Implemented key modules including user/client management, contract approvals, event scheduling, and real-time notifications
- Added CSV import/export, PDF generation, and RESTful APIs for client operations
- **Technologies**: Java 8, Spring Boot, Spring MVC, Spring Data, Hibernate, Spring Security, MySQL, Multithreading, JUnit, Thymeleaf
- Libraries: Lombok, OpenCV, iText | UI: Vali Admin (free Bootstrap template)

Project: Email Writer – AI-Powered Email Assistant Using Gemini API | Responsibilities
- Built an AI-based email reply system using Gemini API with Gmail integration via Chrome Extension
- Developed a Spring Boot backend and React dashboard for generating, customizing, and serving AI-generated responses
- **Technologies**: Java, Spring Boot, React.js, Gemini API, Tailwind CSS, Chrome Extensions

Certifications
- **Java full Stack Developer Trainee** – CETPA, Feb 2023

Achievement & awards
- Improved SQL efficiency and dashboard performance by 30% in a core banking project through query optimization and stored procedures.
- Successfully migrated legacy SOAP services to JMS architecture, enhancing scalability and reducing system latency.
- Developed and deployed an AI-powered email assistant using Gemini API, integrating Spring Boot backend and Chrome Extension.
- Resolved critical production issues in real-time and mentored junior developers on WebSphere, Spring Boot, and system design.

Hobbies & Strength
- **Hobbies**: Listening Music, Playing Cricket, Exploring new things.
- **Strength:** Consistently go above and beyond in my task, Adapt swiftly to new tools and technology, Enjoy tackling complex challenge and finding solutions, Self-driven and consistently strive for excellence.