

# Manmeet Kaur

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## OVERVIEW

Java Developer with over 5 years of experience designing, developing, and maintaining enterprise-level applications. Proficient in Java, Spring Boot, and RESTful APIs, with a strong foundation in relational databases and Agile methodologies. Skilled in troubleshooting, debugging, and delivering high-quality software solutions in collaborative environments. Experienced in the banking and financial services domain.

## SKILLS

- **Programming Languages:** Java (Servlet/JSP), JavaScript
- **Frameworks & Libraries:** Spring Boot, Spring Framework, Hibernate, Angular, JavaScript Frameworks
- **Web Development:** CSS, HTML, Java Server Pages (JSP), Bootstrap
- **Databases:** MySQL, PostgreSQL, Oracle, MongoDB, PL/SQL
- **Microservices & Architecture:** Microservices, RESTful APIs, Spring Cloud, Kafka, OAuth 2.0
- **Cloud & DevOps:** Azure, Kubernetes, Docker, Jenkins, Git, CI/CD
- **Design Skills:** Object-Oriented Design, MVC Patterned Applications
- **Tools:** Version Control (Git), JIRA, Spring Tool Suite (STS), Eclipse, Visual Studio Code
- **Testing:** Unit Testing, Integration Testing
- **Methodologies:** Agile/Scrum, Test-Driven Development (TDD)
- **Other:** Debugging, Performance Optimization

## EXPERIENCE

### Full Stack Developer

02/2023 – 10/2024

Rapotik Consulting Inc., Canada

- Designed and developed scalable backend applications using Java 11 and Spring Boot, enhancing system reliability and performance.
- Developed and maintained RESTful APIs for efficient communication between services and external applications.
- Collaborated with cross-functional teams to gather requirements, ensuring seamless integration and high-quality deliverables.
- Conducted unit testing and integration testing to validate functionality and ensure application robustness.
- Optimized database performance using MySQL and implemented secure access controls.
- Implemented OAuth 2.0 security mechanisms in APIs for secure communication.
- Optimized CI/CD pipelines using Jenkins and Docker, reducing deployment times by 30%.
- Utilized Azure for cloud deployments, leveraging Azure App Services and Azure Functions for serverless computing.

## **Senior Software Engineer**

09/2021 - 11/2022

Gemini Solutions, India

- Led the backend development for microservices using Spring Boot, optimizing for scalability and high availability.
- Designed and developed secure RESTful APIs for client-facing services, ensuring data integrity and security using OAuth 2.0.
- Utilized Kafka for message-driven architectures, enabling asynchronous processing and improving system responsiveness.
- Developed integration components to migrate legacy applications into a microservices-based architecture.
- Collaborated with DevOps teams to streamline the CI/CD pipeline using Jenkins, Docker, and Kubernetes for containerized applications.
- Worked extensively with JIRA for issue tracking and Git for version control in an Agile environment.
- Worked in Agile environments, actively participating in sprint planning, stand-ups, and retrospectives.

## **Systems Engineer**

09/2019 - 09/2021

Infosys, India

- Developed backend services using Java, Spring Boot, and RESTful APIs for large-scale financial services applications.
- Designed and implemented microservices to handle specific business functionalities, improving modularity and maintainability.
- Worked on Spring Boot to create high-performance backend applications and integrate them with relational databases such as Oracle and MySQL.
- Delivered production support for critical applications, applying bug fixes and maintaining system uptime.
- Implemented security measures within the backend services to protect sensitive financial data in compliance with industry standards.
- Enhanced application performance and resolved technical issues through detailed log analysis and debugging.

## **EDUCATION**

### **Post-graduate Diploma in Full Stack Software Development**

Lambton College, Toronto, Canada

- Designed and deployed a microservices-based e-commerce platform using Java Spring Boot on AWS.
- Created CI/CD pipelines using Jenkins and Docker, automating build and deployment workflows.
- Created RESTful APIs for seamless integration between backend services and frontend applications.

### **Bachelors in Computer Science Engineering**

Kurukshetra University, India

- Designed an attendance management system with Java, applying OOP principles to streamline record management.
- Acquired strong knowledge of data structures and algorithms, implementing them in academic projects.

#### AWARDS:

- Received the Dean's Honour List award twice in recognition of exceptional academic achievement during the Summer 2023 and Winter 2023 semesters, for maintaining a GPA above 3.5
- Recognized with the Insta Award for outstanding performance at Infosys, in acknowledgment of exceptional contributions and dedication to achieving project milestones or exceeding performance expectations