



SRUSTI – JAVA SPRING BOOT DEVELOPER

3 Years of Experience | Official notice period: 30days (Negotiable)

Profile Summary

Backend Developer with **3 years of hands-on experience** in building scalable, secure, and high-performance backend systems using **Java (Spring Boot/Core Java)** and **MySQL**. Skilled in designing **RESTful APIs**, optimizing SQL queries, and integrating external services. Experienced with **Git-based workflows**, Agile development, and end-to-end microservices deployment. Strong foundation in **object-oriented design, API security**, and performance optimization, with working knowledge of **NoSQL (MongoDB)** and **Redis caching concepts**.

Professional Experience

- Designed and developed **RESTful backend services** using **Java (Spring Boot/Core Java)** and **MySQL**, ensuring scalable, secure, and maintainable code.
- Wrote optimized **SQL queries, joins, and stored procedures** to support high-volume transactional operations.
- Integrated and maintained **third-party APIs**, ensuring secure and reliable data exchange between systems.
- Followed **Git version control workflows**, including branching, merging, pull requests, and code reviews for CI/CD pipelines.
- Collaborated with **frontend developers and product teams** in an **Agile environment** to deliver high-quality solutions on time.
- Implemented **unit and integration tests** using JUnit and Postman to ensure API reliability and functionality.
- Designed **Role-Based Access Control (RBAC)** and custom annotations to secure application modules and prevent unauthorized access.
- Troubleshoot production issues, analyzed logs, and implemented optimizations to improve **backend performance and response times**.
- Improved backend efficiency with **batch processing, retry logic, and non-blocking asynchronous workflows** for better reliability.
- Explored **containerization (Docker)** for consistent deployments and automated build pipelines.
- Monitored system performance and API health using **Prometheus**, enabling proactive troubleshooting and optimization.

Project Experience

Project 1: Automated Fare Collection System (AFCS)

Duration: Jan 2025 – Present

Technologies: Java, Spring Boot, MySQL, REST APIs, AES Encryption, GitLab, Prometheus, Docker

Role: Java Backend Developer

Responsibilities:

- Developed secure and scalable REST APIs for real-time fare data integration between client and central systems.
- Enhanced backend performance with optimized SQL queries and database-level indexing for faster transactions.
- Implemented AES-based encryption and decryption for secure data communication between services.
- Monitored API health, system load, and performance metrics using Prometheus dashboards.
- Supported deployment and maintenance through containerized environments using Docker and GitLab CI pipelines.

Project 2: Intelligent Transport Management System (ITMS)

Duration: Oct 2023 – Jan 2025

Technologies: Java, Spring Boot, MySQL, REST APIs, AJAX, JWT, GitLab, Prometheus

Role: Java Backend Developer

Responsibilities:

- Developed centralized Spring Boot microservices, improving transport management efficiency by 20%.
- Automated role and permission management using controller-level scanning, reducing manual configuration by 80%.
- Integrated AJAX-based API communication for faster, dynamic data rendering without full page reloads.
- Implemented JWT-based authentication and RBAC (Role-Based Access Control) for secure user and module access.
- Introduced API performance monitoring using Prometheus, improving system reliability and debugging efficiency.

Project 3: Intelligent Depot Management System (IDMS)

Duration: Jan 2023 – Sept 2023

Technologies: Java, Swing, AWT, Spring Boot, MongoDB, MySQL

Role: Java Developer

Responsibilities:

- Developed dual-platform depot management solutions (Desktop + Web), improving overall operational productivity.
- Migrated data handling from JSON files to MongoDB, simplifying data storage and retrieval.
- Designed microservice-based backend services for internal depot operations.
- Enabled partial offline functionality, reducing internet dependency by 90%.
- Integrated MySQL for centralized data synchronization across connected systems.

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Project 4: CRM Application (CRMApp)

Technologies: Java, Spring Boot, MySQL, Thymeleaf, REST APIs

Role: Java Developer

Responsibilities:

- Developed CRM modules for lead, client, and proposal management using RESTful APIs.
- Created dynamic backend workflows for data tracking and reporting automation.
- Designed reusable service layers to improve modularity and scalability.
- Ensured clean code practices and unit testing for reliability and maintainability.
- Enhanced customer data integrity and reduced redundancy through optimized schema design.

Technical Skills

- **Languages:** Java (Core Java, J2EE), JavaScript
- **Frameworks:** Spring Boot, Hibernate
- **Database:** MySQL (Strong SQL), PostgreSQL, MongoDB
- **Version Control:** GitLab, GitHub
- **DevOps & Tools:** Docker, Postman, Prometheus
- **Others:** REST APIs, JSON, AES Encryption, JWT, RBAC, Agile
- **IDEs:** Eclipse, STS, Apache NetBeans, VS Code

Soft Skills

- Excellent communication and analytical skills
- Strong problem-solving mindset and attention to detail
- Ability to work independently and collaborate in Agile teams
- Quick learner with adaptability to new tools and frameworks
- Passionate about writing clean, maintainable, and testable code