

# Manoj Gajare

## Java Backend Developer

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### Profile Summary

- Proficient in backend development with expertise in **Java**, **Spring Boot** and **Hibernate**, skilled in building **RESTful APIs** and scalable **Microservices**.
- Experienced in **Multithreading**, **Asynchronous programming**, and handling real-time communication for efficient and robust applications.
- Hands-on experience with databases, including **PostgreSQL** and **MySQL** and adept at integrating with third-party systems.

### Professional Experience

#### Software Development Engineer @Amber Technologies

Apr 2023 – Present

- Specialized in **Java development** delivering backend solutions for client projects using **Spring Boot**, **Hibernate**, **Multithreading**, and **Spring Batch**, enhancing reliability by 30%.
- Designed and implemented **RESTful APIs**, enabling seamless communication between **Microservices** for client applications, improving scalability by 40%.
- Collaborated with client stakeholders and cross-functional teams to understand requirements, deliver tailored solutions, and reduce system latency by 20%.
- Integrated **third-party systems** and **optimized database operations**, leading to a 25% improvement in query performance across multiple client projects.

### Projects

#### Vehicle Management System

Dec 2024

**Tech Stack :** *Core Java, Spring Boot, Spring Batch, Hibernate, RabbitMQ, PostgreSQL, Microservices, JPA Specification*

- Designed a **Vehicle Data Management System** to manage and process over **10,00,000+ vehicle records** for efficient handling of vehicle data, customer data, and vehicle service records.
- Developed the **Fetch API Data Service** module to fetch data from **SAP API**, **SOAP API**, and **RabbitMQ queues**, ensuring synchronization of **100,000+ daily transactions**.
- Built the **Master Data Service** module to save fetched data in the database, improving data storage and retrieval efficiency by **30%**, and exposed **REST APIs** for seamless data operations.
- Implemented the **Customer Relationship Management Master Service** module to automate **50,000+ leads per month** based on customer interactions, streamlining service appointments and feedback processes.
- Optimized search functionalities using **JPA Specifications**, reducing query execution time by **20%** and ensuring system scalability.

#### Online Plant Nursery Management System

Apr 2024

**Tech Stack :** *Spring Boot, Core Java, MySQL, Hibernate, Swagger UI, Spring Web, Spring Security, JWT, Redis, Microservices*

- Developed a **Restful API system** for **5,000+ orders**, supporting **2,000+ customers** for plants, seeds, and planters.
- Designed **8 modules**, including Admin, Order, and Plant management, handling **100+ plant varieties**.
- Implemented **JWT-based authentication**, **Spring Security**, and **Redis**, improving session performance by **30%** for **20,000+ concurrent sessions**.
- Developed the **Plant module** to handle CRUD operations on plants, utilizing **Spring MVC architecture**, **Spring Data JPA**, **Hibernate**, and **Swagger UI** for API documentation and testing.

### Technical Skills

- **Backend Technologies:** Core Java, Spring Boot, Spring Batch, Hibernate, RabbitMQ, PostgreSQL, MySQL, Microservices, JPA Specification, Multithreading, Spring Security, JWT
- **Familiar With:** HTML, CSS, Google Cloud, JavaScript, Data Structures and Algorithms
- **Tools:** Git, VS Code, Eclipse, Postman, Redis

### Education

Masai School, Bangalore

*Full-Stack Web Development*

Feb 2022 – Dec 2022

*Bangalore, India*

Sapkal Knowledge Hub (Savitribai Phule Pune University)

*BE-Electrical Engineering (6.17 CGPA)*

Aug 2017 – Nov 2020

*Nashik, Maharashtra, India*