

# ABHISHEK SHANKAR MAJAGE

JAVA FULL STACK DEVELOPER

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## PROFESSIONAL SUMMARY

Innovative **Java Full Stack Developer** with 3+ years of experience in building scalable applications using Java, **Spring Boot**, and **Microservices**. Proficient in modern Java features (Java 17+), **RESTful API design**, and **Spring Cloud** for microservices. Skilled in front-end development with **React.js**, state management, and responsive design. Experienced with cloud platforms (**AWS**), and **CI/CD pipelines**. Adept at **Agile methodologies** and committed to delivering high- quality, maintainable code.

## TECHNICAL SKILLS

- **Front-end development:** HTML, CSS, Bootstrap, React.js.
- **Back-end development:** Core Java, OOP's Concepts, Multithreading, Exception Handling, Design Patterns ,Collection Framework, J2EE, Hibernate/JPA, Spring MVC, Spring Boot, Spring Security, OAuth2/JWT, Restful web services, REST API, API Integration and Microservices.
- **Databases:** MySQL, PostgreSQL, Database design and optimization.
- **DevOps:** DevOps Principles, Agile methodology, AWS and CI/CD pipeline.
- **Tools:** Eclipse, VS Code, Git, and JIRA.

## EXPERIENCE

### Java Developer at PhiCommerce. Pune

Jun 2024 — Present

**Project:** EFT Switch

**Domain:** E-Commerce and Payment Solutions

#### **Roles & Responsibility:**

- Designed and Developed **Microservices** using **Spring Boot** to enhance scalability, maintainability, and performance of the payment gateway system.
- Created and Consumed **RESTful APIs** leveraging **Java and Spring Framework** to facilitate seamless communication between services and external systems.
- Enhanced Security by integrating **OAuth2** and **JWT** for secure authentication and authorization, safeguarding user data and transactions.
- Integrated **Multi-Factor Authentication (MFA)** using **Spring Security** to enhance user authentication processes and improve security against unauthorized access.
- Utilized **JavaMail API** for implementing automated **email notifications** and **alerts** within the application, ensuring timely communication for critical system events and user actions.
- Integrated **Real-Time Data Processing** with **Apache Kafka** for monitoring transaction patterns and detecting potential fraud early, thereby enhancing system security.
- Implemented custom **Validation Framework** and **Maker-Checker Framework** according to business needs.
- Developed User onboarding and management in **UI using React.js** and **Bootstrap**.

## **Programmer Analyst at Cognizant Technology Solutions, Pune**

Feb 2022 — May 2024

**Project:** Billing and Revenue Management

**Domain:** Telecom Service Provider

### **Roles & Responsibility:**

- Integrating and Implementing **Microservices** using **Spring Boot** to optimize performance, efficiency, and reusability.
- Implemented **RESTful services & APIs** using **Java, Spring Framework**, & Database.
- Utilize **JPA**, a widely used ORM framework, to enhance overall application performance.
- Proficiently utilized **Spring boot, CI/CD, Gitlab, XML, JSON, REST API, SQL, JUnit, Agile** methodologies, and **Maven** in project development.
- Implemented security measures including **API security** and **Spring Security** to protect data and authenticate users.
- Applied **Core Java principles, Object-Oriented features, and multi-threading, exception handling** concepts to optimize performance.

## **KEY PROJECTS/Framework**

### **Maker - Checker Framework**

- **Tech Stack:** Java, Spring Boot, JPA, PostgreSQL, Spring Security, REST API.
- Developed a **Maker-Checker framework** to enforce multi-step approval processes, ensuring data integrity, security, and reducing manual errors.
- Automated approval stages to improve operational efficiency and ensure a streamlined workflow.
- Created a **staging table** to temporarily store user data when the **Maker** initiates a request, allowing the **Checker** to review the data before approval or rejection.
- Implemented a **Factory Design Pattern** to manage different service layers, enabling flexibility in handling various approval workflows, and ensuring separation of concerns in the codebase.
- Utilized **Java Design Patterns** to modularize the approval logic and make the system more scalable, with the ability to add additional approval steps or change the service layer without affecting other parts of the system.
- Implemented comprehensive **REST API** endpoints for easy integration with front-end applications, enabling seamless communication between different parts of the system.

### **Validation Framework**

- **Tech Stack:** Java, Spring Boot, Cache, PostgreSQL.
- Implemented a **Custom Validation Framework** to address the issue of adding new validations post-production, which previously required code changes.
- Created a table with necessary columns for validation, such as field name, min-max value, regex pattern, isMandatory, etc., and cached it using **Spring Cache**.
- Handled all scenarios in the framework and kept it simple, making it dynamic so that only one line of code needs to be added in the controller to use the framework.

## **EDUCATION**

**Bachelor of Technology, Annasaheb Dange College of Engineering and Technology, Ashta**

August 2018 — June 2021

Aeronautical Engineering

**Diploma, Sharad Institute of Technology and College of Engineering, Ichalkaranji**

August 2015 — July 2018

Mechanical Engineering