

Avinash Gupta

Software Developer (Java)

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PROFILE

Skilled Java Developer with 2.7 years of hands-on experience in building robust, high-performance backend systems using Core Java, Spring Boot, and microservices architecture. Proficient in developing RESTful APIs, integrating relational and NoSQL databases (Oracle, MongoDB), and optimizing code for scalability and efficiency. Proven track record of contributing to real-time financial applications in Agile teams, with a strong emphasis on clean code, problem-solving, and continuous improvement

TECH PROFILES

Avinash_LinkedIn ✍
AvinashGupta_folio ✍
Avinash_Github ✍

SKILLS

Language — Java, JavaScript

Frameworks — Spring core, Spring MVC, SpringBoot (RESTful APIs), Node.js

DataBase — Oracle, mongoDB, MySQL Server

Tools — Eclipse IDE, inteliJIDEA, SQL developer, Git, AWS EC2, MobaxTerm

Domain — ISO 8583 standerds | Payment schemes (RuPay, Visa, MasterCard, JCB, Discover etc.)

CERTIFICATES

- Full-Stack Java Certification from Lara Technologies(<https://lara.co.in>) ✍

ROLE AND RESPONSIBILITIES

Junior Software Developer

Fime India Pvt. Ltd. ✍

2022 – present | Bangluru, India

- Enhanced **Core Java** applications within the FINTECH payment domain, focusing on **scalability** and performance optimization.
- Led efforts to improve application architecture, including integrating **Spring Boot** and migrating parts of the system towards **microservices** to improve modularity and scalability.
- Built a foundational understanding of web technologies such as HTML, CSS, and **JavaScript** to create and integrate dynamic front-end interfaces with backend systems, ensuring **seamless and cohesive web application performance**.
- Collaborated on projects that implemented **NoSQL databases** like **MongoDB** to handle dynamic data sets, optimizing data storage and retrieval for real-time payment transactions.
- Worked on the application migration to a more **data-driven architecture**, leveraging modern technologies to ensure efficient payment workflows.
- Collaborated closely with cross-functional teams to gather requirements, troubleshoot issues, and deliver new functionalities that improved **customer experience**.
- Worked in an **Agile development** environment, participating in daily stand-ups, sprint planning, and retrospectives to ensure efficient project execution.

PROJECTS

Simulator Tool

Java, Spring MVC, Mongo DB,

high-performance simulator designed to model, process, and visualize real-world event data. The simulator mimics real-time data generation and processing for applications such as **IoT devices, financial transactions, or network traffic simulations**. The core technology stack includes **Spring MVC for handling web requests, MongoDB for efficient NoSQL data storage, and Java** as the primary backend programming language.

Inventory & Test Result Management Tool

Java 11, Spring Boot, MySQL, WaveMaker, Angular

Backend system to manage lab inventory and client test results using **Spring Boot and MySQL**. Enabled real-time data access for internal tools via **REST APIs**, supporting integration and efficient data handling within a modular WaveMaker-Angular setup.

Companion Tool

Java 8, J2EE

A **Java 8-based application** designed to automate the generation and processing of **lab test results for payment transactions**. This tool is specifically built for **payment device testing laboratories**, where transaction test cases are executed on **POS terminals, EMV chip readers, NFC-enabled devices, and payment gateways**. Using **Java 8 File Handling (NIO, Streams API)**, the tool reads raw test data from log files, processes transaction results, and generates structured reports in **PDF, CSV, DOCX etc** for compliance and analysis.