

Prashant Saran Singh

Java Fullstack Developer

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SUMMARY

Results-driven **Java Full Stack Developer** with 3 years of experience building scalable **RESTful APIs, microservices**, and high-performance web applications using **Java 8/11/17, Spring Boot, Angular (13-18), AWS and SQL/NoSQL databases**. Proven expertise in optimizing backend performance, engineering secure applications, and delivering end-to-end features across complex enterprise systems. Strong focus on clean architecture, automation, and cloud-ready microservices. Adept at collaborating in Agile teams and driving measurable technical improvements.

SKILLS

Languages & Framework

Java, JavaScript, TypeScript, Angular 13-18, Spring Boot, Spring MVC, Spring Security, Spring Cloud, Spring Data JPA, Hibernate, Microservices, REST APIs, HTML5, CSS3, SQL

Tools & Technologies

Git (Bitbucket), Docker, Apache Kafka, AWS (EC2, S3, IAM), Azure, Maven, Gradle, JIRA, JDBC, MySQL, MS SQL Server, Data Structures & Algorithms, OOP, Multithreading, Concurrency, System Design, Design Patterns, Performance Optimization

EXPERIENCE

Associate Software Developer

Faridabad, Haryana

NovelVox Softwares

02/2023 - Present

- Developed and maintained scalable **RESTful APIs** and **microservices** using **Java 8/17, Spring Boot**, and **Spring MVC**, improving backend response times by 25% .
- Implemented backend business logic using **Collections Framework, Exception Handling**, and **Lambda Expressions** to ensure performance and maintainability.
- Utilized **Java Stream API** and **multithreading/concurrency** techniques for efficient data processing and real-time computation of large datasets.
- Integrated **Spring Data JPA** and **Hibernate** for seamless ORM and database interactions with **MySQL** and **MsSQL**.
- Containerized applications using **Docker**, enabling consistent environments across development, testing, and production, and simplifying deployment of microservices.
- Configured **load balancing** and **reverse proxy** setups using **Apache HTTP Server** to optimize request routing, improve availability, and ensure fault tolerance in distributed systems.
- Followed **Agile/Scrum** practices with daily standups, sprint planning, and retrospectives, and used **JIRA** for task management, issue tracking, and release planning.
- Designed and built dynamic **Angular (13+)** components integrated with backend APIs, enhancing feature delivery speed and reducing UI defects by 15%.
- Gained experience with Angular's new **Signals** in Angular 18, exploring its potential to replace traditional change detection for optimised reactivity.
- Implemented cloud infrastructure on **AWS** using **EC2, S3, IAM**, and **CloudWatch**, enabling secure deployments, automated monitoring, and reducing server downtime by 20% through proactive alerting and optimization.
- Developed responsive UIs using **HTML5, CSS3**, and **JavaScript** , ensuring cross-browser compatibility and user-friendly interfaces.
- Delivered 5 projects following complete SDLC, including requirement analysis, design, development, testing, deployment, and maintenance, and ensured on-time delivery and high code quality.
- Utilized **RxJS Observables** for handling asynchronous HTTP requests and real-time data streams within Angular components.

PROJECTS

Tahakom (The Saudi Company for Comprehensive Technical and Security Control) & GDRFA (General Directorate of Residency and Foreigners Affairs Dubai)

CX-Infinity - omnichannel customer engagement platform (chat bot and webchat)

- Developed and maintained **RESTful APIs & microservices** using **Java 17, Spring Boot, JPA, and Hibernate**, integrated with **MySQL/MsSQL**, and deployed via **Docker** with load balancing through **Apache HTTP Server**
- Built responsive Angular (18) frontend components with RxJS Observables for real-time chatbot/webchat features, ensuring seamless integration with backend APIs.
- Delivered **end-to-end features across the SDLC** following **Agile/Scrum practices**, ensuring high-quality, scalable, and on-time project delivery.
- Implemented unsecured and secured APIs with JWT authentication, enhancing account management and transaction security while streamlining client onboarding through unsecured APIs

EDUCATION

B.Tech in Computer Science and Engineering

Shri Ramswaroop College of Engineering and Management

Lucknow, UP

08/2019 - 07/2023