**Sourabh Patel**

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Indore, Madhya Pradesh 452020

# PROFESSIONAL SUMMARY

* **3.4 years** of experience in the development of Web & Enterprise applications with customer communication
* Full Stack Developer with 3.4 years of experience in developing Web and Enterprise applications with direct customer communication and cross-functional team collaboration. Familiar of working in Agile & Scaled Agile Framework.
* Proficient in building scalable applications using Java 17, Spring Boot, Angular 16, and MySQL, with strong exposure to Microservices and Micro-frontend architectures
* Hands-on experience with Core Java, Java 8, Hibernate, Spring Boot
* Proficient in using IDE like **Eclipse, IntelliJ IDE, STS**
* Worked with database **MySQL**
* Experience with CI/CD pipelines, using tools such as Jenkins, Git, Helm charts, and deployment on servers.
* Having good knowledge of adaptive communication, collaboration & team building skills with proficiency at grasping new technical concepts quickly and utilize the same in a productive manner.

# CURRENT EMPLOYMENT

Organization: Rakuten Symphony

Period: January 2022 to till date.

Designation: Software Engineer

**EDUCATIONAL SUMMARY**

* Bachelor of Technology (B. Tech) from Chameli Devi Group of Institution (Affiliated to RGPV) Indore in 2022
* Intermediate Scholar’s Den, Khandwa in 2017.
* Matriculation from Ben’s Public School in 2015.

**SKILL SET:**

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| --- | --- |
| **Programming Languages** | **Java** [OOP, Collections, Generics, Synchronization, I/O, Exception Handling, Regular Expression, Lambda Expression] |
| **Frontend Technologies:** | **Angular 16**, TypeScript, JavaScript, HTML5, CSS3, Single-SPA (Micro Frontend Architecture) |
| **Persistence Frameworks** | Hibernate 5.0, JDBC & JPA |
| **RDBMS** | SQL |
| **Version Control Tool** | Github, Git |
| **Cloud & Microservices:** | Microservices Architecture, Vanna (Open-source DB Integration), Apache OpenNLP, Milvus (Vector DB) |
| **Tools/ Technologies** | JIRA, Jenkins, Putty, SonarQube, Swagger |
| **IDE** | Intellij , Eclipse 3.4 , STS |

**PROJECT SUMMARY**

1. **Title: - Rakuten AI**

**Duration**: March 2023 to till date

**Development Environment**:Java 17, Spring Boot 3.x, Angular 16, OpenNLP, Vanna, MySQL, Docker

Jenkins, Git, IntelliJ IDEA

**Description:**

Rakuten AI is an AI-powered enterprise platform that leverages machine learning and NLP to derive insights from large-scale business and customer data. It incorporates scalable microservices and modular frontends to streamline user interaction.

**Roles & Responsibilities:**

* Understanding functionalities from Requirement Specification.
* Led the development of micro-frontend architecture using Angular 16 and NX, enhancing modularity and scalability.
* Actively contributed to core UI components such as map features using Leaflet and Mapbox, enabling reusable, team-wide functionality.
* Integrated high-visibility visualizations using High charts and Plotly.js for interactive data analytics. Worked on Angular 16 to build dynamic UI components and integrate with backend APIs.
* Utilized Puppetron (headless Chrome-based screenshot service) for rendering dynamic components in server-side environments.
* Integrated Apache OpenNLP for text processing and Milvus for vector-based semantic search.
* Developed backend services using Spring Boot, implementing NLP search via Apache OpenNLP and vector search with Milvus.
* Created RESTful services using Spring Boot and integrated them with Kafka for async communication
* Used the Vanna open-source library to enable seamless integration of multiple databases across microservices.
* Worked in an Agile environment, participating in sprint planning, daily stand-ups, and timely delivery of estimated features.

**2. Title: Financial Manager:**

**Duration**: January 2022 to February 2023

**Development Environment:** Java 17, Spring Boot, Angular 16, IntelliJ IDEA Git, Postman, Spring Security

**Description:**

A personal finance management application enabling users to control financial activities, track income and expenses, and identify areas for financial improvement.

**Roles & Responsibilities:**

* Understanding functionalities from Requirement Specification.
* Develop Business logic of the application to create a API.
* Enhanced cost forecasting algorithms to assist users in future planning.
* Built modules for budget planning and expense tracking using Angular 16 and Spring Boot
* Integrated frontend with backend services using REST APIs for seamless user experience.
* Delivered well-estimated tasks consistently within sprint timelines and contributed to story refinements and peer reviews.
* Worked in an Agile environment, participating in sprint planning, daily stand-ups, and timely delivery of estimated features.

1. **Title: Global Price Master:**

**Duration**: March 2023 to February 2024

**Development Environment:** Java 17, Spring Boot, Angular 16, IntelliJ IDEA Git, Postman, Spring Security

**Description:**

This project focused on optimizing global procurement operations by providing a centralized platform for monitoring, analysing, and managing product prices across different regions.

**Roles & Responsibilities:**

* Understanding functionalities from Requirement Specification
* Led UI development efforts using Angular, ensuring seamless display and interaction of global pricing data.
* Integrated predictive analytics models to forecast pricing trends and support cost-effective decisions.
* Enabled real-time access to product pricing using microservices-based architecture.
* Participated in CI/CD pipeline setup using Jenkins and Docker for automated deployment.
* Used Git for version control and followed Agile methodology for sprint-based development
* Collaborated with cross-functional teams to design intuitive interfaces and reliable backend services.

**PERSONAL PROFILE:**

**Date of Birth :** 31/10/1999

**Gender :** Male

**Languages Known :** English, Hindi,

**Marital Status :** Single

**[ Sourabh Patel]**