Sourabh Patel

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# 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. I am familiar with 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, **Angular**
* Proficient in using IDE like **Eclipse, IntelliJ IDE, Spring Tool Suite (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 utilizing the same in a productive manner.

# CURRENT EMPLOYMENT

**Rakuten Symphony** Indore, Madhya Pradesh

Software Engineer Jan 2022 - Present

## EDUCATION

**Chameli Devi Group of Institutions, Indore** 2018-2022

Computer Science and Engineering (8.12 CGPA)

## TECHNICAL SKILL

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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 |
| **Database** | MySQL |
| **Version Control Tool** | GitHub, Git |

|  |  |
| --- | --- |
| **Cloud & Microservices:** | Microservices Architecture, Vanna (Open-source DB Integration), Apache OpenNLP, Milvus (Vector DB) |
| **Tools/ Technologies** | JIRA, Jenkins, SonarQube, Swagger |
| **IDE** | IntelliJ IDEA, Eclipse 3.4 , Spring Tool Suite (STS) |

**PROJECT SUMMARY**

### 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:

An AI-driven platform that utilizes machine learning and natural language processing to extract insights from large-scale business and customer data. Designed with scalable microservices and micro frontend architecture for seamless integration, modular UI, and efficient interaction across connected tools and systems.

### 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 Map box, 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.
  + 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.

### Title: Financial Manager:

**Duration**: February 2022 to January 2023

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

### Description:

An enterprise-grade financial management module is designed to help businesses monitor budgets, track expenditure and income, and generate insights for cost optimization and planning. Supported features include real-time financial tracking, configurable budgeting workfellows, and integration with backend services for seamless data Elow and reporting.

### Roles & Responsibilities:

* + Understanding functionalities from Requirement Specification.
  + Develop Business logic of the application to create an 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.