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

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

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:
   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.

2. **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.