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. 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:

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.

3. **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]