

Sunny Rajpurohit

CSM® | Sr. Software Engineer

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Overview

Sr. Software Engineer (Certified Scrum Master) with **4+ years** of hands-on experience, adeptly serving as both a **Scrum-Master** and **Technical-Lead**. Expertise in driving agile methodologies to optimize development workflows, foster team collaborations, and ensure timely project delivery. Proven track record of leading cross-functional teams, architecting scalable solutions, and delivering high-quality software products. Committed to staying abreast of industry trends and emerging technologies to drive innovations and maintain competitiveness. Skilled communicator with a talent for aligning technical strategies with business objectives to achieve exceptional results

- Proficient in **Java SE/Java EE** development, utilizing **Java 8** or higher, with expertise in- **Collections**, **Stream** Functions, Functional Interface, String methods, Object class, **Arrays** etc.
- Skilled in developing **WebServices** with **REST** Architecture.
- Experienced in both **Microservice** & Monolithic Architecture development approaches.
- Hands-on experience with **Spring Boot 2.7.9**, leveraging its full suite of features.
- Proficient in writing Unit Test Cases using **Junit4 & Junit5**, complemented by the Mockito Framework.
- Extensive experience working with Relational Databases, adept at creating complex SQL Queries involving multiple Joins, Views, Stored-Procedures, and Functions.
- Strong familiarity with **JPA** with **ORM** Tools like **Hibernate** for efficient data access and manipulation.
- Versatile in adapting to different Project Management Styles including **Waterfall**, **Agile** & **Scrum** methodologies.

Professional Experience

Radixweb

Oct 2023 - Present

Sr. Software Engineer (ScrumMaster)

Project - Vessel Reporting (TechLead)

Reporting Software which collects and calculates real-time data from vessel IOT devices & user-input readings to generate reports and maintain their versions for Crew-Member & Shore-side users.

Roles & Responsibilities:-

- Acting as a **ScrumMaster**, facilitates all Scrum events such as Planning, Daily Stand-ups, Sprint Reviews, and Sprint Retrospectives.
- Define and communicate the architectural vision and technical directions of the project.
- Facilitate collaboration and communication between team members, stakeholders, and other engineering teams.
- Provide guidance, mentorship, and support to team members, helping them to solve complex technical challenges and make sound technical decisions.
- Conduct code reviews to ensure adherence to coding standards, best practices, and quality guidelines.

Technical Challenges:-

- Create Liquibase scripts for all Table & Constraint creation, and Master Data insertion.
- Integration Testing by using Test Container (Postgres Container) to verify all functional flow.
- Use of Spring-WebFlux for Reactive programming in order to fetch real-time data

ekZero Corporation

June 2023 - Oct 2023

Int. Software Engineer (Java)

Project - Navigate Oncology (Built from Scratch)

It is a clinical workflow automation tool built around an Oncologist and Clinical Team with patient care.

- Analyze & Design the database architecture required as per automation tool's requirement
- Create REST APIs for fetching required data for the tool
- Create Test cases(Junit5) and SpringDoc Documentation build as per Controllers

Azilen Technologies

May 2022 - June 2023

Software Engineer (Java Full Stack)

Project - BRD (Business Report Designer) - Reporting Soft

BRD is a Web-based Report Designer Software for Creating Business Reports (PDF Form) includes data in the form of Charts and Tables by reading data from client's own database

- Create REST APIs for fetching required data from database (Postgres) and use custom made external libraries (Other Microservice) for generating PDF and Charts
- Version Upgrade (Spring Boot, Gradle, Hibernate, Junit)

SCIKEY (SRKay Consulting Group)

Jan 2020 - March 2022

Software Developer (Backend - Java)

Project - SRK Pure (Diamond ERP Software) - SRK Exports

SRK Pure is a Complete **ERP**-software based on **B2B-Retail** Domain made for Asia's one of the largest Polished **Diamond Exports** which they use for their Grading and Manufacturing Unit & Management Unit like Stock, Party(Customer), Sales, Finance-Accounts, Invoicing, Import-Export handling, etc

- Developing **Microservices** to give full Backend support to the **ERP** system with all needed **CRUD** operations
- Develop and Maintain **REST** APIs needed for the system and help integrate it with UI
- Write **custom logic** for all Real Time Price, Commission and Discount **calculations**
- **Unit Testing** complete backend code to ensure the code quality and performance
- Create and Maintain **Relational database** needed for the REST APIs
- Maintain **API Logs, Git Repositories**, code handling
- Handle **Jenkins - Build and deploy** all updated backend services to different platform/environments
- Manual Testing the built feature on Dev environment
- Create and Maintain documentation and Write feature stories

Other Projects

Aurament (E-Commerce with Admin Panel)

Aurament is an E-Commerce platform which sells ready made and customized Jewelries online as per customer's requirements

- Build complete project independently from **Scratch** as **Full Stack Developer**
- Server setup and configurations for **hosting** Frontend and Backend Services
- Domain Setup with **DNS** configurations
- **Nginx** and **SSL** configurations
- **MariaDB** database setup on Server
- Create REST APIs as per needs by system with proper **Authentication** and **Authorization**
- **JWT** Implementation
- UI Implementation with **ReactJS**
- Backend REST API binding with React UI and handle data states using **Redux** and **Reach Hooks**
- Payment gateway implementation (**RazorPay**)

Education

Bachelors Of Technology in Computer Science & Engineering (Parul University)

2016 - 2020

Technical Skills (Key and Known)

Tech Stack	:	JAVA Full Stack
Language	:	JAVA , HTML-CSS, JavaScript
Frameworks/Environment	:	Spring Boot, Junit - Mockito, ReactJS , NodeJs, gRPC
Relational Database	:	MySQL, MSSQL, PostgreSQL, MariaDB
NoSQL	:	MongoDB
Tools	:	Git, Jenkins, Jira, Confluence, Postman, bloomRPC
Other	:	Linux, Nginx (Reverse Proxy, Load Balancing), SSH, FTP/SFTP, SSL, JWT