

SUDHA KUMAWAT

Software Developer

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in <https://www.linkedin.com/in/sudha-kumawat-043289221>

🌐 <https://github.com/s>

EXPERIENCE

SOFTWARE DEVELOPER

Tata Consultancy Services

📅 April 2025 – Present

- Configured Oracle R12 manufacturing setups, including Departments, Resources, and Resource-Department assignments, to support routings and shop-floor operations.
- Created and maintained Bills of Material (BOMs) and performed BOM data conversion and migration, ensuring accurate component structures and error-free validation during go-live.
- Implemented Oracle eKanban, including pull sequences and replenishment cards, to streamline material replenishment to production lines and reduce stock-outs.
- Processed WIP transactions, including discrete job creation, component issues, and returns, ensuring accurate material consumption and inventory visibility.

PERSONAL PROJECTS

Expense Tracker

Tech Stack: Spring Boot, Spring Security, Spring Data JPA, MySQL, JWT, Redis Cache, Swagger, JUnit, Docker

- Developed a Spring Boot REST API for managing projects and tasks, with JPA entity relationships and pagination and sorting on list endpoints
- Implemented JWT authentication and role-based authorization (Admin, Manager, Member) using Spring Security and @PreAuthorize
- Added global exception handling with @RestControllerAdvice and request validation, and documented the API with Swagger/OpenAPI
- Wrote JUnit and Mockito unit tests for the service layer and containerized the application with a multi-stage Dockerfile

Task Management System

Tech Stack: Spring Boot, MySQL, Spring Data JPA, Spring Security, JWT, Swagger, Docker, JUnit, Mockito

- Developed a Spring Boot REST API for managing projects and tasks, with JPA entity relationships and pagination and sorting on list endpoints
- Implemented JWT authentication and role-based authorization (Admin, Manager, Member) using Spring Security and @PreAuthorize
- Added global exception handling with @RestControllerAdvice and request validation, and documented the API with Swagger/OpenAPI
- Wrote JUnit and Mockito unit tests for the service layer and containerized the application with a multi-stage Dockerfile.

TECHNICAL SKILLS

- C/C++, Java
- Spring Boot, Spring MVC, Spring Data JPA, Spring Security, Spring AI, Hibernate, Lombok
- MySQL, PostgreSQL, Oracle
- Swagger/OpenAPI, Postman
- Spring Cache, Redis, @Async, @Scheduled
- JUnit 5, Mockito, AssertJ, Unit Testing
- Git, GitHub, Maven, Docker, IntelliJ IDEA, MySQL Workbench, pgAdmin
- Data Structures and Algorithms, Object-Oriented Programming

EDUCATION

Master of Computer Applications

Maulana Azad National Institute of Technology, Bhopal

📅 2021 – 2024

📍 CGPA: 9.08/10

Bachelor of Computer Applications (BCA)

University of Maharani College, Jaipur

📅 2018 – 2021

📍 Percentage: 77.8%

ACHIEVEMENTS

- Secured an All India Rank (AIR) of 448 in NIM-CET.
- Achieved a 5-star rating in C on HackerRank.
- Earned the Oracle E-Business Suite Developer – Technical Certificate.
- Solved 1000+ Data Structures and Algorithms problems on LeetCode.
- Achieved a LeetCode contest rating of 1689 across weekly and biweekly contests.
- LeetCode Profile: leetcode.com/u/sanu_1230