

SKILLS

- **Programming Languages** : Java, SQL
- **Libraries and Frameworks** : Spring Boot, Hibernate, Spring, Redis, Apache Kafka
- **Tools** : MySQL, PostgreSQL, AWS, Git, GitHub, Maven, Docker
- **Other Skills** : System Design, Microservices, Data Structures and Algorithms, Design Patterns, RESTful APIs

EXPERIENCE

Software Development Engineer (Backend)Jun 2022 - Dec 2023

Profinch Solutions Pvt. LtdBengaluru

- Designed and developed RESTful APIs for seamless communication between frontend and backend.
- Optimized PostgreSQL schema design, resulting in a 35% reduction in report generation time and significantly enhancing overall application performance.
- Leveraged Spring Boot to address 30% of issues in the UBCI Project, boosting backend efficiency and contributing to project success.
- Implemented automated testing strategies, increasing code coverage by 40% and reducing bug rate.

Engineering InternMar 2021 - Mar 2022

Mazagon Dock Shipbuilders LimitedMumbai

- Collaborated with naval engineers on the INS Nilgiri project, contributing 15% of wiring designs, which enabled timely vessel delivery post a 6-month delay.
- Spearheaded initiatives that generated 20% revenue growth by implementing innovative solutions.

PROJECTS

Smart Contact Manager | Java, Spring Boot, JPA, MySQL, Microservices

<https://github.com/swapnil699/Contact-management.git>

- Engineered a Smart Contact Management system featuring secure user authentication and profile management.
- CRUD operations for contacts with advanced search functionality and pagination for seamless management.
- Robust password management system with change password and OTP-based forgot password workflows.
- profile update feature to allow users to manage personal details and profile pictures seamlessly.

E-Commerce Application | Java, Spring Boot, JPA, MySQL, Microservices

<https://github.com/swapnil699/E-Commerce-Application-Java-Spring-Boot-JPA-MySQL-Microservices.git>

- Developed and integrated over 4 microservices to streamline user management, product cataloging, and payment processing, resulting in an enhanced user experience.
- Implemented Stripe payment gateway integration and OAuth 2.0 authentication for secure transactions.
- Integrated Redis caching to optimize performance, improving response times from 500ms to 20ms.
- Engineered an event driven email service using Kafka for real-time notifications.
- Applied paging, sorting, searching and deployed the application in AWS EBS.

Task Scheduling System for Project Management

<https://github.com/swapnil699/Task-Scheduling-System.git>

- Designed a task scheduling tool leveraging Spring Scheduler and Java to enable efficient project management by automating deadlines, task assignments, and resource tracking, ensuring improved team productivity.
- Developed microservices architecture for task management, notification services, and scheduling, integrating asynchronous processing for real-time alerts, reminders, and updates.
- Engineered RESTful APIs for task tracking and collaboration, enabling seamless integration with project management tools and enhancing workflow efficiency in agile and scrum environments.

ACHIEVEMENTS

- Solved over 620 DSA challenges at Scaler Academy, consistently ranking within the top 10% of learners.
- 3 badges and solved 425+ problems on LeetCode.

EDUCATION

Scaler2024

Specialized in Software Development & Problem Solving

Coursework: Data structures and Algorithms, Low-Level Design (LLD), High-Level Design (HLD), Java Backend

Ashokrao Mane Group of Institutions2021

BE/B.Tech/BS | 7.8 CGPA