

Sapendra Jaiswal

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Experience

Prodigy InfoTech

Aug 2023 – Nov 2023

Software Developer Intern – Java, Spring Boot, Microservices, MySQL, AWS

Remote

- Designed and implemented **Restful APIs** for the 'Organization' module ensuring robust functionality and flexibility.
- Successfully **reduced** developer time significantly over **80%** through the implementation of Organization search functionality to locate specific Organization by name.
- Implemented data trimming functionality for the organization, resulting in a rapid **increase** in the client's **buyer** base by over **25-30%**.
- Developed Rest APIs for user registration, login, and user profile management, incorporating various **CRUD operations** for enhanced user experience.
- Executed **reset and forgot password** functionalities for users, integrating **email verification via OTP**.
- Created 'Connect with Us' functionality, enabling customers to raise their issues or concerns at any time which increased the customer satisfaction by more than **60%**.
- Provided prompt and sustainable solutions for bugs and issues encountered in the production environment, ensuring smooth operation of the system.

Projects

Blogging Back-end Application | Java, Spring Boot, Spring Security, Hibernate, MySQL, Postman

Github

- Empowered users to create posts with specified categories, manage their posts and view their own posts.
- Users can comment, update, and delete their comments and can also view all comments on a post.
- Applied **pagination, searching, and sorting** functionalities with informative messaging for post retrieval.
- Build role specific APIs for admin and normal user respectively and added **JWT authentication** for securing APIs.

Smart Contact Manager | Java, Spring Boot, Spring Security, Hibernate, MySQL, JavaScript

Github

- Provided users with the ability to manage their contacts, including details such as name, nickname, mobile number, email, work information, description, and profile picture.
- Enhanced user experience by incorporating features like **change password** functionality and comprehensive client and server-side validation.
- Incorporated advanced functionalities such as pagination, search capabilities and a robust forgot password feature.

Technical Skills

Programming Languages: C++, Python, SQL

Back-end Tech: Spring Boot, Hibernate, Spring, JDBC

Databases: MySQL, NoSQL

Version Control: Git, GitHub

Cloud: Amazon Web Services (AWS), Docker, Kubernetes

Core Subjects: Data Structure and Algorithm, Operating System, Networking, Database

Miscellaneous: Multithreading, Design Patterns, Low Level Design, High Level Design, Microservices, Agile, Kafka

Achievements

- Solved **500+ Data Structures and Algorithmic** problems on coding platform such as **LeetCode** and GFG.
- Contest Rating: **1587 @LeetCode**
- Secured World Rank **2473** among 28K+ participants in Leetcode Biweekly Contest 128, top **9%** of Leetcoders.

Education

Technocrats Institute of Technology
Computer Science And Engineering(CSE)

July 2021 - June 2025 **B.Tech :**
CGPA : 7.96