NABYENDU OJHA

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SKILLS

- **Language:**   Java
- **Frameworks:**   Spring Boot, Hibernate, JPA, JDBC, Mockito, Junit, Spring Security
- **Tools:**   Maven, SonarQube, Swagger, XL Deploy, Jira, Rancher
- **Databases:**   SQL (PostgreSQL, MySQL), NoSQL (MongoDB), Amazon RDS (Cloud)
- **DevOps (CI/CD):**   Jenkins, GitHub, GitLab
- **Web Technology:**   HTML, CSS, JavaScript
- **AI Technology:**   Ollama, Spring AI

WORK EXPERIENCE

Infosys Limited | Senior System Engineer   Dec 2021 - Present

Cargo Flow Management System

Description: A web based application designed to streamline cargo shipping operations by enabling customers to book containers, track shipments and manage freight logistics efficiently.

Responsibilities:
- Developed REST endpoints to fetch and update voyage details from excel sheet into UI dashboard
- Implemented a schedule-send feature by automating periodic report delivery using scheduled cron jobs
- Written unit test cases for the application using Mockito maintaining test coverage above 80%
- Used Jenkins to build microservices and worked on version control for JAR files
- Resolved bugs and issues identified by SonarQube, ensuring code quality and reliability
- Documented the APIs using Swagger and resolved defects raised in Jira
- Deployed the application into DEV, QUA, UAT, PRE and PROD environment using XL Deploy
- Worked on Rancher to monitor logs and maintain configuration at different environments
- Resolved penetration test issue by proper error handling, input validation and avoided SQL query exposure

PROJECTS

Hospital Bed Application
- Developed REST APIs to track bed availability, update occupancy status and allocate available beds
- Enabled filtering and sorting to quickly find available beds based on parameters like ward, bed type etc
- Created a patient priority system assigning beds based on patient condition (e.g. emergency, ICU, regular)
- Used caching to optimize real-time data retrieval and reduce response time

Library Management System
- Developed microservices to register and login user, check book availability and borrow available book
- Assigned admin role to librarian to edit book details and quantity and member role to other users
- Implemented a fine calculation system to calculate overdue charges based on book submission due date
- Scheduled email via SMTP and cron jobs to notify user regarding book return 2 days prior to due date
- Single-handedly created the database architecture to implement all required features

EDUCATION

Jalpaiguri Government Engineering College, Jalpaiguri | 2017 - 2021
Bachelor of Technology (Civil Engineering) - 8.38 CGPA

CERTIFICATIONS

- **Java SE11 Developer**   Infosys (Internal Certification)
- **MySQL Associate**   Infosys (Internal Certification)
- **Spring Boot Developer**   Coding Ninjas   **CERTIFICATE**
- **Full Stack: Angular with Java Spring Boot**   Udemy   **CERTIFICATE**
- **Software Engineer**   HackerRank   **CERTIFICATE**