Bhaskar Jyoti Deka

Nalbari, Assam · (+91) 8876253-108 · j.bh.deka@gmail.com · LinkedIn · GitHub · LeetCode · Portfolio

EXPERIENCE

Full Stack Developer July 2023 – Present
Napier Healthcare Solutions

- Engineered and deployed **15+ RESTful APIs** with Spring Boot, integrating Controller, Service, DAO, and Repository layers using DTOs, enhancing application modularity and maintainability.
- Designed and executed a robust **authentication** and **authorization** system using Spring Security and JWT, securing application access for over 10,000 users.
- **Enhanced System Performance**: Boosted application performance by 40% across 140+ transactions through advanced caching, optimized queries, and reduction of redundant API calls.
- **Strengthened Code Security**: Cut Static Code Analysis (SCA) issues by 83% (from 24 to 4) in one month, significantly bolstering codebase security via Veracode reports.
- Achieved **95%+ code coverage** by implementing extensive test cases with JUnit and Mockito, ensuring high reliability and robustness of the backend systems.
- Facilitated the transition from a **monolithic to microservices** architecture, resulting in a 30% improvement in application scalability and a 25% reduction in deployment times by developing scalable APIs with Spring Boot.
- **Resolved 100+ Defects**: Identified and fixed over 100 defects in both frontend and backend systems, contributing to a more stable and reliable application.

PROJECTS

Multilingual System (Java Full Stack Development)

- **Technologies Used: Spring Boot, React.js, HSQLDB** (Developed for Napier Healthcare)
- Architected a comprehensive multilingual system for application localization, reducing UI load times by **40%** and boosting overall performance by **30%**.
- Crafted and implemented responsive interfaces using React.js, increasing page load speeds by **50%** and optimizing user experiences, which led to a significant **20% reduction in bounce rates** and an **increase in session duration by 25%**.
- Developed and secured RESTful APIs with Spring Boot and Spring Security, enhancing data integrity and system security by **35%**.
- Optimized data retrieval by using HSQLDB for storing label keys and translations, reducing database query times by **30%**.
- Conducted extensive testing with **JUnit and Mockito**, resulting in a consistently high code coverage exceeding **95%**, ensuring reliability and robustness across the system."

SKILLS

Languages and Frameworks: Java, Spring Framework (Spring Boot, Spring MVC, Spring Security, Spring Data JPA), Hibernate/JPA, C++, C, SQL, Python, HTML, CSS, JavaScript, ReactJs

Development Tools: Git, GitLab, Maven/Gradle, JUnit/Mockito, Docker, AWS

Other Skills: Object-Oriented Programming (OOP), DBMS, Testing, Database Design, RESTful APIs, Microservices

EDUCATION

National Institute of Technology, Silchar 2019 – 2023
Bachelor of Technology, Electronics and Communication Engineering *GPA: 7.9*

AWARDS & CERTIFICATIONS

Spring Boot Course - Scaler Certification/ React Course - Udemy Certification/ Hospital Information System - Completion Badge/ 14th Rank in HSLC(X)