RENISH AVAIYA

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Work Experience

Swarck info Labs, India- *Software Engineer (Full-Time Onsite)*   **Feb 2023 – Nov 2023**

- **Java**: As a Backend Developer, I employed Java for core development, laying the foundation for the loan servicing tool's backend logic, emphasizing clean code and efficient processing.
- **Spring Boot & Spring Cloud:** Utilized these frameworks for creating a resilient and easily maintainable microservice architecture, enhancing the application's scalability and cloud readiness.
- **Hibernate & Spring MVC:** Integrated Hibernate for ORM capabilities and Spring MVC for handling web requests, ensuring smooth data manipulation and client-server communication.
- **Maven & Junit:** Leveraged Maven for project management and dependencies, alongside Junit for rigorous testing, ensuring high-quality, error-free code.
- **MySQL & MongoDB**: Managed data storage and retrieval using MySQL and MongoDB, offering flexible, robust database solutions for complex financial transactions.
- **REST APIs:** Specialized in designing and developing REST APIs, facilitating seamless integration between services, crucial for the efficient operation of the loan servicing tool.

Swarck InfoLab's, India – *Software Engineer (Full-Time intern)*   **Sep 2022– Feb 2023**

- **Netflix Eureka:** Utilized Netflix Eureka as the service discovery server, ensuring efficient communication and management of microservices within the ecosystem.
- **Spring Boot:** Developed APIs using Spring Boot, providing a robust framework for creating microservices that serve various e-commerce functionalities.
- **Microservices:** Emphasized loose coupling through the microservices architecture, facilitating independent development, deployment, and scalability of services.
- **Feign Client:** Implemented Feign Client for seamless service-to-service communication, simplifying the development of REST clients within the microservices architecture.
- **HTML/CSS:** Interned with a focus on HTML/CSS, crafting, and styling web content. Supported web development initiatives by creating visually appealing and structured web pages.

Projects

E-commerce Microservices: | Java, spring security, Okta, Spring Boot, Spring Cloud, Microservices, Netflix Eureka, Feign Client
- As a key developer, I crafted a scalable, resilient e-commerce platform with a loosely coupled architecture, employing Netflix Eureka, Spring Boot, Microservices, and Feign Client to enrich the shopping experience.
- The strategic use of MySQL ensures efficient and organized handling of structured data, while MongoDB provides flexibility for managing unstructured data, enhancing data management capabilities.
- As a critical component of the e-commerce platform, the microservice significantly augments the platform's capabilities, contributing to a seamless and exceptional user experience.
- Rigorously designed and tested RESTful APIs to ensure interoperability and smooth communication between different components within the microservices architecture

Restaurant Rating Microservices:| Spring Security, Okta, Spring Boot, Spring Cloud, Microservices, Java, rest Api, docker.
- Implemented a comprehensive Restaurant Rating Microservices project comprising four key components: a User Microservice, a Rating Microservice, and two Hotel Microservices.
- Designed for seamless collaboration, these microservices collectively offer users an efficient and reliable platform to rate and review restaurants.
- The Rating Microservice serves as the central hub for user reviews, ensuring a streamlined process for capturing and aggregating restaurant ratings.
- The Hotel Microservices complement the ecosystem, enhancing the overall user experience by providing additional context and details about the restaurants being rated.

Education

University of Texas at Arlington, Arlington, Tx.   **Jan 2024- Dec 2025**
- Master of Science in Computer Science

Gujarat Technological University, India.   **Mar 2019 – April 2023**
- Bachelor of Technology in Computer Science   **GPA: 3.26/ 4.0**

Skills

- **Programming Language:** JavaScript, Java, HTML, CSS.
- **Operating Systems:** Mac, Linux, Windows. **IDEs:** VS Code, IntelliJ, Visual Studio, Eclipse, STS.
- **Web Technologies:** Angular, Next.js, Json, Spring Cloud Local Storage, Spring Boot, Microservices, TypeScript, Material UI, Tailwind CSS, oauth2, Ajax, jQuery, ES6, REST, jQuery, NPM, debugging, maven, Gradle, unit, firewall, bootstrap, mocha, Eureka, Web Flusk, JDBC, Docker, Kubernetes, Aws,
- **Database / other:** Algorithms, Firebase, Postgres, JIRA, Git, Oracle, DB2, MongoDB, tomcat, pl/sql, Apache, CRM, ml, Spring, Data Modelling, object-oriented programming (OOP), SVN, unit test, postman.
- **Soft Skills:** Leadership, Teamwork, Communication, Problem Solving, Time Management, Attention to Details.

Achievements
- Participated in (**SGZCP, 2019**) South Gujarat Zone level competitive programming competition and secured 3rd rank.