KRUTHIK B

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SKILLS AND CERTIFICATIONS

- **Programming & Frameworks: Java, OOPS, DSA, Spring Boot, Hibernate, Spring MVC, Multithreading, Collections, JDBC, Serialization.**
- **Backend and System Design: REST APIs, OAuth, Microservices, OpenAPI Generator, Scalable & Secure Multi-Tenant Architecture, Docker, Redis, Event-Driven Architecture (Kafka), High-Concurrency.**
- **Database & Cloud: SQL, MySQL, RDBMS, Azure, Application Gateway, Docker, Redis.**
- **DevOps & Tools: CI/CD Pipelines, Git, Maven.**
- **Testing & QA: TDD, Postman, Unit & Integration Testing, Mockito.**
- **Headless CMS & Services: Contentstack, Contentful, Algolia, and Akeneo.**
- **Problem Solving: Solved 250+ problems on LeetCode/HackerRank**

WORK EXPERIENCE

Software Developer, Valtech Systems Pvt. Ltd., Bengaluru   **Sep 2023 - Present**

Project - Centura Services | Java, Spring Boot, Microservices, MSSql, Azure

- Designed and developed scalable RESTful microservices using Spring Boot for customer/admin operations, widget configuration, scheduling, caching, client integrations, and service modifications.
- Integrated multiple backend systems and generated APIs via Swagger codegen, implementing robust error handling that improved system reliability by 25%
- Utilized Spring Data JPA/Hibernate for database operations and Azure APIM/Microsoft AD for gateway routing and authentication.
- Optimized CI/CD pipelines to enhance data accuracy while reducing processing time by 30% through architectural improvements.
- Collaborated with cross-functional teams on system architecture design and feature delivery.
- Implemented Redis caching for achieving 40% faster response times for frequently accessed data.

Java Developer Intern, Softmantissa Software Solutions, Bengaluru   **Nov 2022 - Jan 2023**

- Developed RESTful APIs using Spring Boot for business operations, integrating MySQL for data persistence and ensuring CRUD efficiency with Hibernate/JPA.
- Optimized API response times by 30% through query tuning (e.g., indexing, lazy loading) and documented endpoints using Swagger for team collaboration.

PROJECTS

Smart Desk Application | Java, SpringBoot, MySQL, Hibernate, React

- Documented the Smart Desk web platform, focusing on features like seat reservation and real-time availability using React and Spring Boot.
- Outlined user workflows, utilizing MySQL for data management and Spring Security for user authentication. Used Git and Bitbucket/GitHub for version control, reducing code merge conflicts.
- Detailed admin functionalities, integrating Spring Boot with MySQL JDBC Template and REST APIs for backend processes.
- Implemented security protocols for data protection and enhancing database connection pooling and performance. (*An internal office tool used for booking and managing employee seating arrangements.*)

Help Nest Application | Java, SpringBoot, MySQL, JDBC, Thymeleaf

- Built full-stack portal for raising and closing complaints with Thymeleaf templates and Spring Security role-based UI, featuring end-to-end form validation
- Developed REST APIs using Hibernate ORM with JWT authentication, optimizing performance through DTOs and lazy loading.

EDUCATION

Dr. Ambedkar Institute of Technology Bengaluru   Aug 2019 - Aug 2023
BE in Computer Science   **8.91 CGPA**

CERTIFICATIONS (Credly)

Akeneo Foundation , Contentstack Implementation and Contentful Certified Professional