

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, 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

BE in Computer Science

Aug 2019 - Aug 2023

8.91 CGPA

CERTIFICATIONS (Credly)

Akeneo Foundation , Contentstack Implementation and Contentful Certified Professional