Raghuram Nallabelli

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PROFESSIONAL EXPERIENCE

TATA CONSULTANCY SERVICES.   **Hyderabad, Telangana**
System Engineer   **2023-Present**

Experienced in developing and maintaining backend services using Java, Spring Boot, and Spring MVC, with additional expertise in building Angular-based front-end components. Skilled in designing and consuming RESTful APIs, integrating third-party services, and working with relational databases and optimized SQL queries. Proficient in CI/CD practices, version control with Git, and familiar with Docker and Kubernetes for containerized deployments within Agile environments.

- Developed and optimized backend components using Spring Boot, improving system response times by 35% in high-traffic scenarios
- Designed and implemented 60+ RESTful APIs to support seamless communication between front-end and back-end systems, ensuring 99% uptime and reliability
- Streamlined database operations with efficient queries and indexing strategies, enhancing data retrieval speed by 40% for real-time analytics.
- Collaborated with cross-functional teams in an Agile environment to deliver project milestones 20% faster while maintaining high-quality code standards

Associate System Engineer   **2022-2023**

Designed and managed relational databases (MySQL, Oracle), writing optimized SQL queries, procedures, and triggers to support backend services. Collaborated on Java Spring Boot APIs with JPA/Hibernate integration, handled bug fixes, enhancements, and performance tuning, and contributed to unit testing for data accuracy and stability.

- Designed, created, and managed relational database schemas using MySQL and Oracle.
- Wrote and optimized SQL queries, stored procedures, views, and triggers to support application logic and reporting.
- Supported Java backend services by collaborating with developers to ensure smooth data access and performance.
- Assisted in building RESTful APIs using Spring Boot, integrating with databases through JPA/Hibernate.
- Worked on bug fixing and enhancement of existing modules written in Java.
- Performed basic performance tuning and used tools like EXPLAIN PLAN and query analyzers.
- Involved in unit testing of APIs and stored procedures to ensure data accuracy and stability.

PROJECTS

BANK AGGREGATER APPLICATION   **FrontLinesMedia(FLM)**
Spring Boot, Spring JDBC, Spring Security, SQL, AWS S3   **2023-2024**

- Programmed a Bank Aggregator application to integrate multiple banking services and generate a summarized banking statement.
- Integrated 20+ RESTful APIs for seamless communication between client and server.
- Utilized SQL for efficient data storage and management with 4 different tables, ensuring data integrity and security.
- Applied user authentication with Spring Security, resulting in a 50% increase in application security.
- Integrated AWS S3 for uploading and downloading bank statements, with a capacity to store up to 50,00,000 statements.

EDUCATION

AURORA'S TECHNICAL AND RESEARCH INSTITUTE   **Hyderabad**
Bachelor of Engineering, Electrical and Communication Engineering   **2016-2020**

ADDITIONAL INFORMATION

- Technical Skills: Java, Javascript, HTML/CSS, ReactJS, Spring Boot, Microservices, Hibernate, RESTful API
- DataBases & tools: MySQL, Oracle; Postman, Grafana
- Languages: Fluent in Telugu(native), English, Hindi;
- Certifications: AWS Certified Cloud Practitioner
- Version Control: Git, GitHub