


Nikhil Rayala

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SUMMARY

Experienced Software Engineer with 3+ year's experience of work in the Software Industry as a Java Full Stack Developer, and expertise in creating robust and scalable applications. Solid grasp of software development best coding practices, design patterns, and agile methodologies.

EDUCATION

Masters of Science in Computer Science

Western Illinois University, Macomb, IL

Jan 2022 – Jun 2023

EXPERIENCE

Full Stack Developer

Cron Information Technologies PVT LTD

April 2019 - Nov 2021

- Utilized Collections, Multi-threading, Synchronization, and Exception handling extensively in application development, enhancing performance, data management, and error handling.
- Worked on various modules of Spring, including Spring MVC, Spring ORM, and Spring Boot. Gained expertise in developing and configuring applications using these modules, enhancing the functionality and performance of the Spring-based projects.
- Implemented Microservices architecture using Spring Boot, and enabled service discovery using Netflix eureka server.
- Improved REST endpoint performance by 25% through effective code optimization and refactoring.
- Developed and deployed REST APIs for Microservices using Spring boot in a highly scalable and reliable cloud environment.
- Implemented the deployment of services in both development and staging environments on the AWS cloud infrastructure using Jenkins pipelines.
- Implemented log4j functionality to develop and implement Splunk reports and dashboards, resulting in a 20% reduction in workload and enhanced monitoring capabilities for the system.
- Implemented Persistence layer using Hibernate to establish seamless interaction with a MySQL database, ensuring efficient data management and retrieval.
- Utilized the Hibernate framework to facilitate object-relational mapping and persistence, thereby improving the efficiency and scalability of the application's data management capabilities.
- Implemented the DOM parser to effectively parse XML documents and utilized the XSLT API to handle XML parsing in an object-oriented approach, enhancing data processing and manipulation capabilities.
- Implemented DAO and Front Controller design patterns to enhance the architecture and functionality of a web application, improving maintainability, scalability, and overall efficiency.
- Implemented RESTful web services using JSON and SOAP web services using JAX-WS. Improved data communication and integration between client applications and the server.
- Developed application service components, configured beans with Spring IOC, and enhanced data management using Hibernate ORM, improving the application architecture.
- Implemented Message-Driven Beans (MDBs) to optimize messaging system performance and reliability by effectively processing Java message queue messages.

SKILLS

Programming Languages: Java, Python, C, C++, JavaScript

Frameworks & Libraries: SPRING, Spring MVC, Spring Boot, Hibernate, Angular & React.

Web Technologies: Restful Web Services, jQuery, XML.

Databases: Oracle, MSQl, PostgreSQL, MongoDB.

IDE Tools: Spring Tool Suite, Eclipse, IntelliJ Idea.

Servers & Methodologies: JBoss, Tomcat.

Version Control & Testing: Git, JUnit, Mockito.

Methodologies: Agile, Test-Driven Development (TDD)

Operating Systems: Windows, Linux
