

Saida Rao Gonuguntla

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Experience

Advithri Technologies LLC

Frisco, TX.

Java Developer

Feb 2024-Present

- Developed and enhanced RESTful APIs using Java and Spring Boot, ensuring seamless integration with frontend applications and maintaining secure endpoints, which improved data flow and system reliability by 40%.
- Optimized backend services by refactoring database queries with Hibernate ORM, reducing response times by 25% and improving data retrieval efficiency in MySQL/PostgreSQL for large datasets.
- Integrated third-party APIs into existing systems, enabling new functionalities and facilitating smooth data exchange with external services, enhancing system capabilities by 30%.
- Led peer code reviews and collaborated with senior developers, improving code performance, readability, and maintainability, resulting in a 20% reduction in system bugs and technical debt.
- Implemented JWT-based authentication for API security, improving secure access control for sensitive data and reducing unauthorized access incidents by 50%.
- Contributed to automated testing frameworks, writing unit and integration tests using JUnit and Mockito, increasing code coverage by 35% and reducing early-stage errors by 20%.

Java Developer Intern

July 2023-Feb 2024

- Assisted in developing and testing RESTful APIs using Java and Spring Boot, ensuring integration with front-end systems and smooth data flow across modules.
- Participated in debugging and resolving issues related to API performance and data validation, contributing to the overall efficiency and reliability of backend services.
- Collaborated with senior developers in code reviews and followed best practices for writing clean, maintainable, and efficient Java code.

Virtusa

Hyderabad, India.

Software Developer

Jan 2020 - Jan 2022

- Developed full-stack applications using Java for backend and React for frontend, streamlining workflows and improving user experience by 30% through enhanced interface responsiveness.
- Designed and optimized SQL queries for MySQL databases, reducing data retrieval times by 25% and improving the overall efficiency of backend operations.
- Integrated RESTful APIs with Java and Spring Boot, enabling seamless communication between backend services and React-based frontend components, which improved system performance by 20%.
- Built dynamic and responsive user interfaces using React, HTML, and CSS, enhancing user engagement and reducing bounce rates by 15%.
- Collaborated with cross-functional teams to debug and resolve SQL-related issues, improving database performance and reducing system downtime by 10%.

SmartBridge

Hyderabad, India.

AI & ML Internship

Apr 2019-May 2019

Assisted by the senior developers in designing and developing a Predictive model “Fertilizer Prediction” by using IOT(soil) Sensor data for soil type and NPK values, ML Classification algorithms, Python and Flask. This project is aimed at Digitalizing the Farmers Unlike traditional ways, so that they can utilize the right fertilizers for their crops and soil, so they can save investment by at least 20% and Improve Production by 20%.

Education

2022-2023 University of North Texas, Denton

Texas, USA.

Masters in Computer Science

GPA: 3.8

2016-2020 Gudlavalleru Engineering College

Andhra Pradesh, India.

Bachelor of Technology in Computer Science and Engineering

GPA: 3.4

Other

- Technical Skills: Java/J2EE, Java 8/11/17, Spring Boot, Hibernate, JPA, Kafka, SQL, JUnit, Microservices, Git, AWS.
- Actively participated in various Coding challenges and Hackathons conducted at College level.