Sravya Murukutla

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OBJECTIVE

Results-driven Java Developer with 9+ years of experience in designing, developing, and maintaining enterprise-level applications and integrations using Java, Spring Boot, REST APIs, and SQL. Proven expertise in ETL development, data integrity, and system troubleshooting across multi-platform environments. Adept at collaborating with cross-functional teams to ensure seamless data flow between systems such as Salesforce, Oracle, and cloud-based applications. Seeking to leverage technical depth and problem-solving skills to contribute to the University of Virginia's Advancement Operations by maintaining reliable integrations, optimizing data processes, and supporting the transition from legacy systems with precision and integrity.

WORK EXPERIENCE

Software Engineer   AUG 2021 - JAN 2025
 The Home Depot

- Developed, maintained, and troubleshooted complex system integrations across multiple technology platforms, ensuring seamless data flow and operational reliability.

- Built and optimized Java-based RESTful APIs using Spring Boot, JPA, and Hibernate for secure data exchange between enterprise applications including Salesforce CRM and other internal systems.

- Designed, developed, and supported ETL processes to extract, transform, and load data from diverse sources such as Home Depot Warehouse Management Systems (HDW) and Salesforce Marketing Cloud.

- Implemented and tuned PL/SQL stored procedures, triggers, and packages in Oracle to automate data transformations, maintain referential integrity, and improve query performance.

- Maintained the integrity of core databases and records, ensuring accuracy during high-volume data migrations and system transformations.

- Actively participated in system transformation initiatives, handling data mapping, validation, and testing to ensure smooth transitions from legacy systems.

- Provided ongoing application support for Salesforce CRM, Ellucian Advance, and other internal tools, resolving production issues through root cause analysis and automated solutions.

- Created technical design documents, logical data models, and source-to-target mappings to support integration and ETL workflows.

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Served as part of an on-call support rotation (24/7) to monitor critical systems and scheduled batch processes, ensuring uninterrupted data operations.

- Collaborated in Agile project environments, contributing to sprint planning, code reviews, and using tools such as JIRA, Jenkins, and Git for version control and CI/CD automation.

- Partnered with business stakeholders and vendors to gather requirements, document processes, and deliver scalable, high-quality integration solutions.

Sr. Java Developer   AUG 2017 - AUG 2021
State of Tennessee

- Developed and maintained enterprise web applications using Java, J2EE, and Struts framework, improving application performance and maintainability.

- Designed and optimized complex Oracle SQL queries, PL/SQL stored procedures, and triggers, reducing data retrieval time by 30% and enhancing database efficiency.

- Built and supported ETL processes for large-scale data migration and system integration, ensuring 100% data accuracy and integrity.

- Developed and integrated RESTful APIs with backend services using Hibernate, JDBC, and core DBMS concepts, streamlining communication between systems.

- Collaborated in Agile teams to troubleshoot production issues, automate deployments via Jenkins, and improve delivery speed by 25%.

Java Developer   MAY 2017 - AUG 2017
State of Maryland

- Developed dynamic web applications using Java, JSP, Servlets, HTML, CSS, and JavaScript, delivering responsive and user-friendly interfaces.

- Integrated MySQL databases with Java backend using JDBC, implementing CRUD operations, data validation, and optimized SQL queries for performance.

- Collaborated in full-stack development across frontend and backend, ensuring seamless communication between UI components and server-side logic.

Program Analyst   JAN 2016 - MAR 2017
Wells Fargo

- Developed and maintained enterprise-level web applications using Spring MVC framework, implementing Model-View-Controller architecture for clean separation of concerns.

- Utilized Hibernate ORM for database interactions, performing efficient CRUD operations, lazy/eager fetching, and optimizing entity relationships.

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Integrated JavaScript and AJAX with Spring MVC to create dynamic, responsive user interfaces and improve client-server communication.

- Implemented form validation, exception handling, and dependency injection using Spring features to ensure robust and maintainable code.
- Worked with MySQL/Oracle databases and used Hibernate Query Language (HQL) for custom queries and performance tuning.

EDUCATION

Ball State University

Master's Degree in Computer Science.   - 3.8 GPA   MAY 2015

PROJECT

Reactive Power Calculator - Link   FEB 2025 - OCT 2025

- Developed a Battery Energy Storage System (BESS) monitoring application using Java and Spring Boot, ensuring accurate real-time computation of power metrics.
- Implemented ETL-like processes to extract, transform, and load data from simulated sensors into MySQL databases, maintaining data integrity for analysis.
- Built RESTful APIs to connect frontend dashboards with backend logic, enabling real-time data visualization and user interaction.
- Created an interactive frontend using React JS, JavaScript, and Chart.js/Recharts to visualize energy flow, performance trends, and alerts.
- Documented data flow, mapping, and computation logic, simulating professional standards for monitoring and system support.

SKILLS

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