**Srujana Golconda**

**+1 469 846 8345 •** [**saisri@mastroservices.com**](mailto:saisri@mastroservices.com)

**Summary**

* Accomplished **Java Developer** with a track record of more than 5 years in **Java and J2EE technologies**.
* Accomplished projects in challenging, **safety-critical** work environments.
* Demonstrated robust programming proficiency in **Core Java**, encompassing Multithreading, I/O Streams, Collection Interfaces, and Exception Handling.
* Proficient in harnessing the power of Java 8 features, including **Lambda expressions and Stream API**, for optimizing application performance through bulk data operations and parallel processing on Collections.
* Adept in **Data Structures and Algorithms**, underpinning a strong foundation for problem-solving and efficient coding.
* Experience with building software with **Object oriented principles & Design Patters** like MVC, Session Facade, Data Access Object (DAO), Factory, Singleton, Data Transfer Object, and Front Controller
* Extensive experience in building **microservices applications** with **Spring Boot**.
* Well-versed in **Python, AWS, Postman, and the Maven Build System**, with a strong background in deploying applications using Apache Tomcat.
* Skilled in working with **Relational Databases** and adept at using **SQL.**
* In-depth knowledge of **Amazon Web Services**, including EC2, S3, AWS Lambda, Amazon Glacier, EBS, Kinesis, Simple DB, RDS, Elastic Load Balancing, SQS, SNS, AWS Identity and Access Management, AWS CloudWatch, Elastic Beanstalk, and CloudFront.
* Proficiency in developing secure web applications and server-side development using **Core Java, Hibernate ORM, Spring, Spring Boot, Spring Security (using OAuth2), Spring JDBC, Spring Rest Template, Spring Data JPA, JSP, JSF, Servlets, Java Beans, JavaScript, Angular, XML, CSS3, HTML5, Oracle, and various Design Patterns.**
* Experienced with **Docker Containers, Linux Containers, AMIs for Docker Images/containers, Kubernetes**, and other containerization platforms like OpenShift.
* Proficient in the use of Defect Tracking and Version Management Tools, such as **Git** version control.
* Strong background in writing unit and integration tests using **JUnit**, following a Test-Driven Development (TDD) approach.
* Well-versed in Agile and Extreme Programming methodologies.
* Possesses a comprehensive grasp of every stage within the **Software Development Life Cycle (SDLC)**, including a strong aptitude for requirement analysis.
* Expertise in developing **multi-threaded** real-time software with a solid grasp of **low-level Memory Management**.
* Proficient in using **Java IDE tools, including IntelliJ, Eclipse, and STS (Spring Tool Suite)**, for developing dynamic web applications.
* Skilled in creating **UML diagrams**, such as Use-Case diagrams, Activity diagrams, Class diagrams, and Interaction diagrams.
* A collaborative team player and proactive **problem solver** with extensive experience in developing enterprise-level web services and responsive web-based applications.
* Swiftly acquires proficiency in **emerging technologies** and demonstrates a remarkable aptitude for adapting to new environments.
* Excellent interpersonal skills and a proactive approach to **problem-solving, consistently providing optimal solutions**.
* Specialized knowledge and deep expertise within the realms of **Banking, Finance, and Healthcare sectors**.

**Education**

* Master’s in Computer Science from **University at Buffalo – State University of New York** – New York, 2023
* Bachelor’s in Computer Science and Engineering from **JNTUH** – India, 2020

**Technical Skills**

|  |  |
| --- | --- |
| Operating Systems | Windows 10/8/7/XP/2000, UNIX, Linux, Mac |
| Languages/Web Technologies | Java 1.8/1.7/1.6/1.5, C, C++, Python, JavaScript, HTML5, CSS3, Angular, NodeJS, XML, HQL, SQL, PL/SQL, Solidity |
| Database/ Database Tools (RDBMS) | MySQL, PostgreSQL, SQLServer |
| Enterprise Technologies | JSP, Servlets Hibernate, JPA, Spring 4.x, Spring MVC, Spring Boot, Micro services, Spring Data JPA, Spring AOP, Spring Security, Spring Rest Template, REST Web services, SOAP Web services, JSON, JUnit, Log4J |
| Application/Web servers | WebLogic 11x/12x, IBM WebSphere 8.x/7.x, Apache Tomcat 8.x/7.x/6.x/5.x |
| Design Patterns | Singleton, Prototype, DTO, DAO, MVC, Factory, Abstract Factory, Builder |
| Configuration Management / Version Control Tools | Tortoise SVN, GIT |
| Build and CI/CD Tools | Maven, Gradle, Jenkins, Docker |
| IDEs | Spring Tool Suite, Eclipse 4.x, IntelliJ, Edit plus, Notepad++, Remix, VS Code |
| Web Tools/ Others | SOAP UI, Postman, Heroku |

**Professional Experience**

**AT&T, Dallas, Texas**  **Jun 2022 – Present**

**Full Stack Java/Software Developer**

**Responsibilities:**

* Engineered and programmed application components in an **Agile/TDD setting**, adhering to a **test-driven development (TDD)** and SDET methodology, often through collaborative pair-programming.
* Architected applications using the **Spring framework**, following a model-view architecture and incorporating Dependency Injection.
* Orchestrated seamless data access integration by combining **Spring DAO** with Hibernate.
* Crafted XSD for WSDL and developed feature rich **POJO** classes complete with JSON annotations.
* Designed and implemented diverse **REST APIs.**
* Managed version control efficiently with **GitHub.**
* Created user interfaces with finesse, employing **JSP, JSTL, HTML, CSS, JavaScript, Bootstrap, NodeJS, and AngularJS**.
* Executed rigorous project builds using **Maven**.
* Embraced **AWS** for dynamic cloud deployments, while harnessing AWS Lambda to orchestrate server management and code execution.
* Maintained a watchful eye on production and corporate servers/storage using AWS CloudWatch.
* Leveraged **Spring Core Annotations** for precise Dependency Injection, Spring MVC for crafting REST APIs, and Spring Boot for efficient microservices.
* Orchestrated API development with **Swagger** configuration.
* Streamlined release builds with **Jenkins Looper.**
* Monitored and maintained code quality with **Sonar**, ensuring comprehensive test case coverage.
* Developed robust Spring Boot applications using the **Spring Tool Suite**.
* Contributed to the development of **SQL/PLSQL** queries, demonstrating database proficiency.
* Applied the robust features of **Java 8** throughout the development process.
* Executed meticulous message logging through **Log4J.**
* Showcased extensive expertise in crafting web-based enterprise applications employing **Java, J2EE, Servlets, JSP, EJB, JDBC, Hibernate, and a suite of Spring technologies (IOC, AOP, MVC, Web Flow, Security, Batch, Integration)**.
* Managed Source Control and Version Management adeptly, with expertise in **Subversion, CVS, and Clear Case.**
* Demonstrated a strong command of the **Spring Framework and REST** web services across various project lifecycles.

**Environment:** JAVA 8, J2EE, JUnit, REST, Web services, SOAP, MySQL, Jenkins, Maven, WSDL, Docker, Kubernetes, AWS, Jenkins

**Temenos (Kony), Hyderabad, India**  **Jun 2019 – Dec 2021**

**Senior Software Developer**

**Responsibilities:**

* Played a pivotal role in the end-to-end design and development of the **Transaction Limits Engine**, leveraging proficiency in **Java and RESTful Services**. This component now serves over 10 clients in production.
* Achieved a significant improvement in information retrieval (15%) by designing and implementing enhanced views and stored procedures on both **MSSQL and MYSQL** platforms for proficiently managing banking customers’ data on the backend and ensuring **optimal database performance**.
* Implemented **microservices architecture** that allowed for the seamless scaling of individual banking services, ensuring that the system could handle increased workloads during peak periods.
* Led a team of 3 in the **preprocessing and postprocessing** of customer profile components, employing a **3-tier architecture** and object-oriented design. This approach allowed for modular development, making maintenance and updates more manageable.
* For 20+ clients, designed and implemented **extensible REST APIs** for the Reminder Engine, Audit Engine (logging customer activity), and Scheduling Engine, enhancing time-sensitive operations and customer activity tracking.
* Served as the sole contact **for over 25 customer tickets** related to the event manager and alert system, identifying root causes of issues and implementing effective solutions that led to improved customer satisfaction.
* Safeguarded data and transactions effectively through **RESTful communication** and leveraged **Spring Boot's security features** to minimize security risks and ensure strict adherence to industry regulations.
* Showcased containerization proficiency by utilizing Docker to create encapsulated microservices app images, optimizing portability, consistency, and deployment efficiency.
* Engineered a simplified solution for automating configuration-based event triggers by using orchestration services and achieved reduction in processing time for generating alerts by **60%.**
* Collaboratively worked with cross-functional teams to develop the approval matrix module, enhancing the application's core functionality for key processes such as transfers, bulk payments, and bill payments. This collaboration ensured seamless workflow management and **accurate transaction processing.**
* Provided valuable assistance and expertise to ensure a smooth and efficient deployment of Kony Digital Banking Product (Alerts and Event Manager Module) on 10+ production environments that contributed to enhanced banking operations and customer experiences for various financial institutions.
* Spearheaded the development of **RESTful microservices** for profile update and reminder engine systems, highlighting expertise in s**ystem design, project requirement analysis, API specifications design, backend development**, and cross-functional collaboration with testing and DevOps teams.

**Environment:** CoreJava 7, Java 8, J2EE, Agile, Servlets, AWS, Docker, JavaScript, Spring Boot, Micro services, REST Webservices, J2EE Design patterns, Eclipse IDE, SQL, GIT, Junit, Log4j, Weblogic server, Hibernate ORM, Maven, Jenkins, MySQL, MSSQL, JSON.

**OathMap LLP, Hyderabad, India**  **Apr 2017 – Jun 2019**

**Software Developer**

**Responsibilities:**

* Engaged in various phases of the Software Development Life Cycle (**SDLC**), encompassing requirements gathering, modeling, analysis, design, development, and testing.
* Adhered to **Agile methodology**, fostering client interaction to elicit feedback on features, offering and implementing optimal solutions, and customizing applications to meet customer requirements.
* Spearheaded the development, design, and implementation of the front-end portion of widget-based applications, employing **HTML5, CSS3-LESS, AJAX, and Bootstrap 4.0**.
* Crafted applications based on the Model-View-Controller (**MVC**) architecture, incorporating core design patterns (creational, structural, behavioral), and J2EE design patterns (Data Access Object, Business Delegate, Service Locator, Session Façade, etc.).
* Executed a **Microservices Architecture** with **Spring Boot-based services**, facilitating interactions via **REST and SOAP.**
* Implemented Microservices using **Spring Batch, Spring Boot, and Spring Security.**
* Applied **Multithreading, Concurrency, Exception Handling, Generics, and Collections** when required.
* Developed the business layer using **Core Java and Spring Beans** with dependency injection, incorporating Spring annotations.
* Built Microservices using **Spring Boot, Spring Cloud, and Spring Microservices**.
* Utilized **Couchbase** as a database for one of the Microservices, communicating with databases using nickel queries within the Spring framework.
* Designed **SQL and PL/SQL** scripts for data transfer between databases.
* Prioritized Test-Driven Development, creating comprehensive **JUnit** tests for each piece of functionality before its actual implementation.
* Employed Maven as a build tool for generating **EAR files** for deployment on application servers and managing code dependencies.
* Established a Continuous Integration and Continuous Delivery (**CI & CD**) process stack with tools like Jenkins.
* Leveraged **Postman** for testing web service calls.
* Effectively resolved application bugs and defects, collaborating with team members to ensure a positive resolution.
* Participated in production support, resolving production job failures and coordinating with the operations support group to resume interrupted jobs.

**Environment:** Java, HTML5, CSS3-LESS, AJAX, BOOTSTRAP 4.0, Angular 7, Rest, Hibernate, Spring Boot, SOAP & Restful services, GitHub, SQL and PL/SQL.

**Academic Projects**

**Raft Consensus Algorithm Project**

* Orchestrated the design and implementation of a 5-node Docker cluster using Java/Spring Boot and 3 Docker images for log replication, consensus and high availability strategies. Utilized Vue.js for a front-end app to collect data, ensuring replication across all nodes with Postgres Docker image for storage. Achieved robust fault tolerance through leader election, voting mechanisms, and consistent log replication, reaching a 98% success rate.