**Sreeni Gorantla**

* Expertise in designing, developing, and deploying microservices-based systems, optimizing scalability and maintainability.
* Proficient in leveraging the enhanced security, productivity, and performance capabilities of both Java 8 and Java 11 to create efficient and scalable solutions.
* Strong command of Spring Boot, enabling rapid development of microservices with streamlined deployment.
* Integrated J2EE applications with the Spring Framework, leveraging its features for dependency injection, aspect-oriented programming, and simplified configuration.
* Skilled in using JPA and Hibernate for robust ORM solutions, enhancing database interactions and data management.
* Proficient in Spring Cloud, creating cloud-native applications with features like service discovery and configuration management.
* Implementing stringent security measures using Spring Security to safeguard applications and sensitive data.
* Successfully integrated Spring Security into multiple projects, enhancing data protection and user authentication.
* Worked on GIT and AWS Code commit which are part of the Version Source Control.
* Building real-time data streaming systems using Apache Kafka, enabling efficient communication and event-driven architectures.
* Configuring and managing Splunk, to collect, search, and analyze log files from across the servers and integration of Application with monitoring tool New Relic for complete insight and proactive monitoring.
* Designing and implementing RESTful APIs adhering to best practices for seamless frontend-backend interaction.
* Experience with JIRA and Confluence. Managed AWS infrastructure as code using Terraform.
* Familiarity with Maven for efficient project management, Git for version control, and Jenkins for continuous integration.
* Good understanding of AWS services like EC2, S3, API Gateway, and more, facilitating scalable and reliable cloud-based solutions.
* Leveraged a wide range of AWS services to create cost-effective and scalable cloud solutions, ensuring optimal performance.
* Expertise in deploying, configuring, and managing Java EE applications on WebLogic, JBoss, and Apache Tomcat platforms.
* Experience in developing and deploying a Microservice application utilizing almost of the AWS Stack including S3, EC2, DynamoDB, Kinesis, SNS and SQS .
* In-depth knowledge of JVM optimization, thread management, and performance tuning techniques to achieve peak application performance.
* Proficient in implementing SSL/TLS certificates, authentication, and access controls to ensure robust application security.
* Strong problem-solving skills and a proactive approach to challenges.
* Dedicated to continuous learning and staying updated with evolving technologies.

**Technical Skills:**

Java & Related Technologies: Core Java, Java 11, Java 8, J2EE,Spring Boot, JPA (Java Persistence API), Spring Cloud, Spring Security, Hibernate

Web Development: HTML5, CSS3, JavaScript, Ajax.

Microservices & APIs: Apache Kafka (Event Streaming), REST (Representational State Transfer), SOAP,

JSON, XML

DevOps & Tools: Maven, Git, Jenkins, Docker, Kubernetes

Database: Oracle SQL, PL/SQL, PostGres

Cloud Services: AWS – Including various related services such as EC2, ECS, S3, SQS, Lambda, Cloud

Watch etc.

Operating Systems: Windows, and Linux

IDEs/Utilities: Eclipse, IntelliJ, Visual Studio Code, Notepad++, SQL Developer, MSSQL Management

Studio, Postman

Web/App Servers: WebLogic, Apache Tomcat, JBoss, Glassfish

**Professional Experience:**

**JACK HENRY & ASSOCIATES, Allen,Tx, USA. Jan 2020 to Till Date**

**Role: Senior Java Lead Developer**

**Project: Episys Power Frame**

**Responsibilities:**

* Ensuring that technical software development process is followed on the project, familiar with industry best practices for agile software development.
* Followed agile methodologies to iteratively develop and deliver features and participating in stand-ups, sprint planning, and code reviews.
* Design, develop, and maintain both Frontend and Backend components of responsive web applications and microservices.
* Successfully led cross-functional teams in designing and deploying microservices-based systems, ensuring alignment with project goals and delivery timelines
* Developed backend services using Java 8 and Java 11, Spring Boot, Spring Framework, JPA, and Hibernate, ensuring efficient data management and interaction.
* Play a key role in the development of card and cardless transactions functionalities within the Episys Powe Frame project.
* Utilized Java 11's var syntax for lambda parameters, improving code readability and maintainability.
* Applied Java 11's improved multithreading features to optimize concurrency and parallelism in applications.
* Design, develop, and maintain microservices-based applications using Spring Boot, adhering to best practices and architectural guidelines.
* Utilize Spring Boot’s advanced features such as auto-configuration, starters and Spring Boot Actuator for monitoring and management endpoints.
* Desing and implement RESTful APIs for microservices, ensuring proper request and response handling, versioning, and security.
* Design and provide RESTful APIs to facilitate communication between web applications and backend services.
* Experienced wif DevOps, CI/CD pipeline tools Jenkins, Azure Cosmos DB, Data Bricks, Event Hubs, Bitbucket.
* Implemented API gateways and Service Registers for seamless communication between microservices.
* Integrated microservices with databases using Spring Data JPA and ensure proper data consistency, and caching across microservices.
* Implemented asynchronous communication patterns using Spring Cloud Stream and Apache Kafka for event-driven architecture and handle message queuing, pub-sub models, and message reliability.
* Implemented service discovery and load balancing using Spring Cloud Netflix Eureka for efficient routing of requests among microservices.
* Implemented Fault Tolerance Patterns such as Circuit Breakers, Retries, and Fallback mechanisms using tools like Spring Cloud Hystrix.
* Implemented authentication and authorization mechanisms using Spring Security for securing microservices endpoints and handled JWT (JSON Web Tokens) and OAuth2 for secure API access.
* Integrated distributed tracing tools like Spring Cloud Sleuth and Zipkin to monitor and troubleshoot microservices interactions and set up logging and monitoring to ensure visibility into application behavior.
* Write unit tests using tools like JUnit to ensure code quality and functionality.
* Perform performance and load testing using tools like JMeter to ensure optimal application performance.
* Utilize project management tools such as Maven, Git and Jira to manage and organize development tasks.
* Deployed applications using Jenkins, Docker, and AWS to various environments, including Test, UAT, Pre-Prod and Production.
* Containerized microservices using Docker for consistent deployment across different environments.
* Implemented CI/CD pipelines using tools like Jenkins, automating the testing and deployment processes for J2EE applications, ensuring rapid and reliable releases.
* Automated rolling updates and blue-green deployments for seamless releases.
* Analyze and debug complex issues that arise during development and in production environments.
* Communicate effectively with cross-functional teams, including business analysts, testers and project managers.
* Provide updates on progress, challenges and potential improvements.
* Continuously seek opportunities to enhance development processes and optimize application performance.
* Written puppet modules for logstatsh, Elasticsearch and Kibana and Used puppet to measure the AWS metrics

**Environment:** Java 8, Java 11, Spring Boot, Spring Cloud, Spring Security, JPA, JSON, Angular 12, Node.js , NgRX, Jasmine, Protractor, SQL, Maven, Git, Jenkins, Docker, Kubernetes, AWS, Apache Tomcat Web Server, Jira.

**GE Health Care, Chicago, USA. May 2015 - Dec 2019**

**Role: Java Developer**

**Project: Memo Scanning**

**Responsibilities:**

* Contributed to Agile methodologies by participating in Daily Scrum calls, tracking progress, and adapting to changing project requirements.
* Managed and tracked defects using Rally, enhancing the overall application quality.
* Developed and maintained microservices on Open Shift Environment (OSE), ensuring efficient cloud deployment.
* Utilized Apache CXF to design and implement Restful Web services, optimizing data exchange.
* Implemented RESTful design principles using Spring Boot, Apache CXF, and Swagger for seamless API development.
* Integrated spring framework to manage dependency injection and Hibernate for streamlined ORM.
* Employed Jackson API for efficient data serialization and deserialization.
* Designed and optimized database tables, queries, and relationships in MYSQL for efficient data storage.
* Created responsive and user-friendly UI components using Angular JS, HTML5, CSS3, and JavaScript for MPP UI Upload/Download page.
* Implemented robust build pipelines on Open Shift Enterprise (OSE) through Jenkins, enhancing deployment automation.
* Ensured comprehensive application logging using SLF4J and LOG4J for effective debugging.
* Implemented continuous integration and delivery using Jenkins, enhancing development workflows.
* Implemented containerization strategies using Docker and orchestrated deployments with Kubernetes, streamlining the deployment and management of J2EE applications in a microservices architecture.
* Utilized HP Fortify tool to perform security scans and address potential vulnerabilities.
* Familiarity with Amazon Web Services (AWS) components, including EC2, S3, IAM, and Lambda Functions, enhancing the ability to deploy and manage applications in the cloud environment.
* Orchestrated microservices deployment and scaling using Amazon Elastic Container Service (ECS).
* Set up CloudWatch alarms based on predefined thresholds to trigger notifications (e.g., via SNS) for critical issues, ensuring timely response to incidents.

**Environment:** Java 8, Spring Boot, spring, Hibernate, Angular JS, Node.js, Open Shift Enterprise (OSE), Fortify, Apache CXF, Jackson API, Swagger, SLF4J, LOG4J, JUnit, Jenkins, AWS, and Rally.

**JACK HENRY & ASSOCIATES, Allen,Tx, USA. Sep 2011 – April 2015**

**Role: Java Developer**

**Project: Agent Banking**

**Responsibilities:**

* Practiced Agile methodologies, participating in Scrum meetings, sprint planning, and retrospectives to ensure efficient project execution.
* Utilized JIRA for issue tracking and project management, maintaining transparency and organization in development tasks.
* Developed scalable and maintainable applications using Java 8, Spring Boot, and Spring framework, ensuring high-performance and robustness.
* Leveraged Spring framework to design and implement RESTful APIs, enhancing communication between frontend and backend components.
* Developed Web API using Node.JS and hosted on multiple load balanced API instances.
* Used Node.js as a proxy to interact with Rest services and interacting with Database.
* Creating RESTFUL Web using Node.js.
* Utilized Hibernate and JPA for efficient database interaction, optimizing data retrieval and storage processes.
* Involved in core HYBRIS platform such as Data modelling, Datahub, HMC, Impexes and creating flexible search queries for both B2B and B2C.
* Successfully integrates JPOS and ISO 8583 protocols to facilitate seamless payment processing, ensuring secure and compliant transactions.
* Solid understanding of real-time payment protocols and standards, including ISO 8583.
* Familiarity with the technical intricacies of message formats, data elements, and transaction flows within ISO 8583.
* Implemented multiple AWS related service to portal based functionalities like Cognito, DNS, and Route 53 services.
* Collaborated with cross-functional teams to build and enhance payment gateways, enhancing the reliability of payment systems.
* Designed and implemented RESTful and SOAP web services, enabling efficient communication between different components of the application.
* Proficient in creating and consuming web services, ensuring seamless integration of various models.
* Experience with impex scripts for B2B and B2C unit creation, product category, product stock data in HYBRIS.
* Developed dynamic user interfaces using Angular 6, HTML5, CSS3, JavaScript, and TypeScript, delivering interactive and user-friendly web applications.
* Utilized JSON for data exchange between frontend and backend, ensuring efficient communication and rendering.
* Implemented unit testing using JUnit and loas testing using JMeter, ensuring code reliability and identifying performance bottlenecks.
* Collaborated with QA teams to conduct comprehensive testing and resolve issues, ensuring high-quality software releases.
* Managed code using version control systems like GitHub, ensuring effective collaboration and codebase management within the team.
* Deployed applications on various application servers including WebLogic, Apache Tomcat, JBOSS, and Nginx, ensuring smooth deployment and configuration.
* Familiarity with Amazon Web Services (AWS) components, including EC2, S3, IAM, and Lambda Functions, enhancing the ability to deploy and manage applications in the cloud environment.
* Applied advanced performance tuning techniques to enhance the responsiveness and scalability of J2EE applications, ensuring optimal resource utilization and a seamless user experience.
* Orchestrated microservices deployment and scaling using Amazon Elastic Container Service (ECS).
* Managed CloudWatch log groups effectively, ensuring proper organization and retention policies to comply with security and compliance requirements.

**Environment:** Java 8, Spring Boot, Spring, Hibernate, JPA, JPOS, ISO8583, Angular 6, Node.js, JSON, REST, SOAP, Oracle SQL, Microsoft SQL, HTML, JavaScript, Junit, JMeter, Agile, JIRA, GitHub, WebLogic, Apache Tomcat, JBoss and Nginx.

**Ubic Exports PVT LTD, Visakhapatnam, India. May 2007 – Aug 2011**

**Role: Java Developer**

**Project: Mobile Wallet**

**Responsibilities:**

* Design and develop Java-based components using Java 8, following best practices and coding standards.
* Utilize Spring Boot framework to create efficient and scalable backend services for the Mobile Wallet Solution.
* Implement data persistence and retrieval using Hibernate ORM, ensuring optimal database interactions.
* Non-Production and Production Oracle and NoSQL (Mongo, Couchbase & Cassandra) Database health checks and corrective actions using monitoring tools like AWS CloudWatch, Cassandra OpsCenter and Apple Internal tools.
* Design RESTful APIs using Spring Boot, adhering to REST principles for smooth communication between different parts of the application.
* Integrate JSON-based data exchange within the application, ensuring data consistency and compatibility.
* Design, create, and optimize SQL queries to interact with the database, ensuring data integrity and performance.
* Work with Hibernate to map Java objects to database entities, implementing efficient data models.
* Utilize Git for version control, actively participating in code reviews and ensuring high-quality codebase.
* Spearheaded the design and development of robust, scalable enterprise-level applications using J2EE, ensuring seamless integration with existing systems.
* Created multiple Terraform modules to manage configurations applications services and automate the complete deployment environment on AWS.
* Deploy application components to various environments such as WebLogic, JBoss, and Apache Tomcat.
* Implement Log4j for logging and monitoring application activities and errors.
* Analyze logs to identify issues, troubleshoot errors, and optimize application performance.
* Troubleshoot and debug issues related to the application's behavior in a Linux environment.
* Implement security measures such as encryption and authentication to safeguard sensitive user data.

**Environment:** Java 8, Spring Boot, Spring Framework, Hibernate, RESTful APIs, SQL, JSON, Log4j, Git, WebLogic, JBoss, Apache Tomcat, Linux.