Rama Krishna Gujja
Full Stack Java Developer
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Professional Overview:

Results-driven Senior Full Stack Java Developer with 8 years of experience designing, developing, and deploying high-performance, scalable, and secure enterprise applications in fast-paced financial and tech environments. Expertise in Java, Spring Boot, Microservices Architecture, and Cloud platforms (AWS & Azure) with a strong understanding of DevOps practices, CI/CD automation, and agile methodologies. Proven track record of reducing operational costs, boosting system performance, and driving digital transformation through innovative and maintainable code. Adept at full lifecycle development, mentoring junior developers, and collaborating cross-functionally with stakeholders.

Technical Skills:

- **Languages:** Java, SQL, PL/SQL, JavaScript, Python.
- **Frameworks:** Spring Boot, Spring Framework (IoC, DI, AOP, Data JPA), Hibernate ORM, Struts, EJB, React.js, Angular, Node.js.
- **Cloud & Infrastructure:** AWS (EC2, S3, Lambda, RDS, SQS, SNS, Kinesis), Azure, Terraform.
- **Containerization & Orchestration**: Docker, Kubernetes (EKS).
- **CI/CD Tools:** Jenkins, Azure DevOps, GitHub Actions.
- **Version Control:** Git (GitFlow, Branching, Merging), GitHub, GitLab.
- **Messaging Systems:** Apache Kafka, ActiveMQ, RabbitMQ.
- **Database Technologies:** MySQL, PostgreSQL, MongoDB, Cassandra, SQL Server.
- **Security & Authentication**: OAuth2, JWT, Spring Security.
- **Testing & Debugging:** JUnit, Mockito, Log4J, Postman
- **Build & Dependency Management**: Maven, Gradle, Webpack.
- **APIs & Architecture:** RESTful APIs, GraphQL, Microservices.
- **Methodologies & Tools:** Agile (Scrum), Jira, Confluence

PROFESSIONAL EXPERIENCE:

FINRA Rockville, Maryland. **April 2024 -Present**
Role: Sr Java Full Stack Developer.

Responsibilities:

- Implemented an SDLC methodology that streamlined application development, resulting in faster delivery times, and improved quality.
- Developed enterprise applications using Spring Boot, Spring IoC (Inversion of Control), and Dependency Injection (DI) for a maintainable and modular codebase. Utilized Spring Batch for batch processing tasks, improving data processing efficiency and reliability.
- Leveraged Spring Batch for efficient batch processing, and Spring Security for authentication and authorization in web applications.
- Utilized Hibernate ORM for database interaction, ensuring efficient data management, and query optimization.
- Applied core Java concepts such as multithreading, exception handling, and lambda expressions for high-performance applications.
- Designed and developed microservices architecture using Spring Boot, enhancing scalability and modularity.
- Created RESTful APIs and explored GraphQL for flexible and optimized data querying.

- Implemented Service-Oriented Architecture (SOA) principles for interoperable and modular systems.
- Deployed and managed applications on AWS (EC2, S3, Lambda, RDS, SQS, SNS, CloudFront).
- Managed infrastructure as code using Terraform, automating deployment and configuration.
- Designed a scalable NoSQL data model for a high-throughput analytics system, optimizing read/write performance by 40% through denormalization and efficient partitioning in MongoDB (principles applicable to Apache Cassandra).
- Implemented Kafka for real-time event streaming and data processing.
- Built responsive and interactive UIs using HTML5, CSS3, JavaScript, React, Redux, and Router.
- Developed single-page applications (SPAs) for a seamless user experience.
- Containerized applications using Docker and Managed Kubernetes orchestration.
- Set up CI/CD pipelines using Jenkins for automated software delivery.
- Implemented the ELK Stack (Elasticsearch, Logstash, Kibana) for centralized logging and monitoring.
- Utilized Git (GitFlow, branching, merging, pull requests) for version control management.
- Migrated legacy data from MySQL to MongoDB, ensuring data consistency, and a 30% cost reduction through schema flexibility.
- Created Python-based ETL scripts to automate data transformations, ingest pipeline logs, and support backend tasks across AWS-hosted services.
- Utilized Snowflake for querying and analyzing large datasets, performing SQL transformations, and integrating with BI tools for real-time analytics dashboards.
- Wrote and maintained Shell scripts for system administration, AWS environment setup, and deployment automation, enhancing CI/CD pipeline reliability.

Environment: Spring Framework (IoC, DI, AOP, Boot, Data JPA), Hibernate, AWS, MySQL, MongoDB, Kafka, XML, Node.js, React, Jenkins, Docker, Kubernetes, ELK stack, Git, Gradle, Apache Tomcat, TDD using JUnit, Agile, Scrum, JIRA, React, Angular.

FM GLOBAL Johnston, Rhode Island. **June 2023 – April 2024**
Role: Sr Java Full Stack Developer.

Responsibilities:

- Designed and developed interactive UI components using React.js, Angular 9, TypeScript, and JavaScript.
- Implemented responsive web pages using Material Design, Bootstrap, and CSS3.
- Developed dynamic and user-friendly UI screens with Angular dependency injection, data binding, controllers, and state management.
- Utilized React Hooks and Redux for efficient state management and improved performance.
- Implemented one-way/two-way data binding, UI routers, and custom directives in Angular.
- Developed RESTful APIs using Java, Spring Boot, and Hibernate, ensuring scalability and maintainability.
- Implemented microservices architecture, enhancing modularity and efficiency.
- Worked on the Spring Framework (IoC, DI, AOP), and Spring Security for authentication and authorization.
- Integrated OAuth 2.0 and SAML authentication for secure web applications.
- Created stored procedures and optimized database queries in PostgreSQL.
- Deployed applications on AWS using EC2, S3, Lambda, and RDS for high availability and scalability.
- Implemented CI/CD pipelines using Jenkins, Docker, and Kubernetes, automating build, test, and deployment workflows.
- Managed Docker containers and deployed microservices using Kubernetes (EKS).
- Performed AWS infrastructure management, including monitoring and deployment.
- Implemented Kafka producer/consumer applications for real-time event streaming.
- Built microservices with Kafka for real-time event processing, storing large-scale data in PostgreSQL and MongoDB, with optimized indexing strategies.
- Developed unit test cases using JUnit and Mockito to ensure code quality.
- Used Log4J2 and SLF4J for efficient logging and debugging.
- Worked in Agile methodology (Scrum), participating in daily stand-ups, sprint planning, and retrospectives.

- Managed tasks and progress tracking using JIRA, ensuring alignment with project timelines.
- Used GitHub and Git for version control, implementing GitFlow for efficient branching and merging.

Environment: Agile Methodology, Java, React.js, Angular, TypeScript, JavaScript, NPM, Spring Boot, Spring Framework (IoC, DI, AOP, Boot, Data JPA), Microservices, Kafka, JPA/Hibernate, PostgreSQL, RESTful APIs, GraphQL, AWS Web Services, CI/CD, Docker, Kubernetes, Terraform, GitHub, JUnit, Mockito, JIRA.

CISCO Sanjose, California. **January 2020 – July 2022**
Role: Java Full Stack Developer

Responsibilities:

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- Implemented responsive web pages using Material Design, Bootstrap, and CSS3.
- Developed dynamic and user-friendly UI screens with Angular dependency injection, data binding, controllers, and state management.
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Darwin box technologies Inc. Hyderabad, India **January 2017 – December 2019**
Role: Java Developer

Responsibilities:

- Utilized the Struts framework to develop scalable and efficient web applications, ensuring seamless user interaction.
- Applied Object-Oriented Programming (OOP) principles to design and develop robust, maintainable Java applications.
- Leveraged Eclipse IDE for streamlined development, debugging, and version control management.
- Developed and integrated Enterprise JavaBeans (EJB) components for distributed enterprise

applications, enhancing system scalability and performance.

- Implemented SOAP-based web services to facilitate communication between different systems and platforms.
- Followed the MVC pattern to separate concerns and improve code readability and maintainability in web application development.
- Worked with the DB2 database to design, optimize, and manage database operations for efficient data storage and retrieval.
- Developed servlets and JSP pages for dynamic content generation and interactive user interfaces.
- Integrated Java Message Service (JMS) for asynchronous messaging and event-driven communication between application components.
- Deployed applications on the WebSphere Application Server, ensuring seamless deployment and server-side operations.
- Implemented Mockito for unit testing, ensuring code reliability and quality through Test-Driven Development (TDD) practices.
- Utilized Apache ANT for building automation, ensuring efficient compilation, testing, and deployment processes.
- Implemented Log4j for logging and debugging, ensuring effective monitoring and troubleshooting of applications.
- Managed version control using Git, facilitating collaborative development and code versioning within the team.

Environment: Struts, Mockito, Eclipse, EJB, SOAP, MVC pattern, DB2, Servlets, JSP, JMS, WebSphere, Apache ANT, Log4j, and GIT.

Education Details:

Master's in computer science.

Governors State University. Chicago, Illinois GPA- 3.8

Bachelor of Technology- Electronics and Communication Engineering.

Vaagdevi Engineering College- Warangal. India Percentage =71%