**Viswanadha Raju**

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**Summary:**

Senior Java Developer with 14+ years of expertise in designing, developing, and deploying scalable, high-performance enterprise applications. Proven experience in Java/J2EE, Spring Framework, Spring Boot, Microservices, RESTful & SOAP APIs, Hibernate/JPA, Cloud technologies (AWS). Skilled in application modernization, API development, system integration, and performance optimization across diverse domains. Strong background in Agile/Scrum, CI/CD pipelines, Docker, Kubernetes, Git, and DevOps practices, ensuring seamless delivery of complex projects. Adept at collaborating with cross-functional teams, mentoring developers, and driving best coding practices and architecture decisions. Passionate about solving business problems with clean, maintainable, and efficient code while aligning with organizational goals.

**Technical Skills:**

* **Programming Languages:** Java (Java 8–21), J2EE, SQL
* **Frameworks & Libraries:** Spring (Core, Boot, MVC, Security, Batch), Hibernate, JPA
* **Microservices & APIs:** RESTful APIs, SOAP Web Services, API Gateway, Swagger, SOA
* **Cloud & DevOps:** AWS, Docker, Kubernetes, Jenkins, GitHub Actions, Maven
* **Databases:** Oracle, MySQL, PostgreSQL, MongoDB
* **Messaging & Streaming:** Apache Kafka, RabbitMQ
* **Version Control & Collaboration:** Git, GitHub, Jira
* **Testing & Quality:** JUnit, Postman
* **Architectural & Design Expertise:** Microservices Architecture, Event-Driven Architecture, Monolith-to-Microservices Migration, MVC, Design Patterns, Scalable System Design, High Availability & Resilience
* **Others:** CI/CD, Linux/Unix, Agile/Scrum methodology, Design Patterns, Performance Optimization

**Work Experience:**

**KPMG | Aug 2023 – Present  
Senior Software Engineer**

**Responsibilities:**

- Lead modernization projects migrating Monolithic applications to Microservices.

- Developed enterprise-grade applications using Java (Java 8–21), leveraging Streams modern APIs.

- Built distributed enterprise applications using J2EE, Servlets, JSP, EJB.

- Developed complex queries, triggers in SQL to handle transactional workflows efficiently.

- Built RESTful microservices using Spring Boot, integrated with JPA/Hibernate for seamless persistence.

- Implemented ORM with Hibernate, simplifying database operations through entity mapping.

- Built scalable persistence layers with JPA, using annotations for entity mapping.

- Designed and developed secure RESTful APIs for cross-platform application integration.

- Developed SOAP Web Services with WSDL and XSD for enterprise integrations.

- Configured API Gateway for centralized routing and authentication of microservices.

- Created interactive documentation for RESTful APIs using Swagger.

- Deployed applications on AWS using EC2, Lambda, RDS, and Elastic Beanstalk.

- Containerized Java applications using Docker, ensuring consistent runtime environments.

- Deployed microservices Kubernetes. Automated build, deployment pipelines using Jenkins continuous delivery.

- Implemented CI/CD workflows using GitHub Actions, automating build and deployment pipelines.

- Managed dependencies build using Maven. Designed relational schemas in Oracle for enterprise applications.

- Developed high-performance applications using MySQL as a relational database.

- Designed document-based schemas in MongoDB for flexible data models.

- Implemented event-driven architectures with Apache Kafka and using RabbitMQ for microservices.

**CVS | Oct 2018 – Jul 2023**

**Senior Software Engineer**

**Responsibilities:**

- Developed Java-based solutions data exchange between disparate systems.

- Managed code versioning using Git, enabling efficient branching, and merging strategies.

- Hosted repositories in GitHub, enabling collaboration across distributed teams.

- Tracked project progress using Jira, aligning with Agile/Scrum methodologies.

- Wrote unit tests in JUnit ensure code reliability and coverage. Designed RESTful APIs using Postman collections.

- Architected distributed systems using Microservices. Used SQL Performance Optimization in large-scale apps.

- Designed real-time applications using Event-Driven Architecture with Kafka and RabbitMQ.

- Applied OOAD principles to design scalable and reusable Java applications.

- Built web applications using MVC architecture in Spring and Struts.

- Applied MVVM pattern in UI development for modular and testable code.

- Automated software delivery using CI/CD pipelines with Jenkins and GitHub Actions.

- Deployed applications on Linux/Unix servers.  Applied Design Patterns in Java projects.

**Harland Clarke | Mar 2014 – Sept 2018**

**Software Engineer**

**Responsibilities:**

- Developed scalable microservices Spring Boot, Spring MVC RESTful APIs, Spring Security robust data security.

- Implemented concurrency and multi-threading solutions in Java, boosting data processing speed by 35%.

- Applied J2EE design patterns for modularization, resulting in cleaner and reusable codebases.

- Designed scalable web applications with Spring MVC, ensuring separation of concerns.

- Migrated legacy SOAP Web Services REST for enhanced scalability.

- Configured monitoring and logging solutions with Grafana in Kubernetes clusters.

- Reduced code complexity using structural Design Patterns like Adapter/Decorator.

**First Citizen Bank - May 2011 – Feb 2014**

**Software Engineer**

**Responsibilities:**

- Leveraged the latest Java/J2EE technologies, including Struts, JSP for scalable application development.

- Tuned JVM and applied garbage collection strategies in Java reduce application latency and memory footprint.

-  Enhanced security in J2EE applications using JAAS and role-based access controls.

- Applied data normalization and constraints in SQL to ensure data integrity and consistency.

- Automated data processing pipelines using Spring Batch, improving reliability for scheduled jobs.

- Secured RESTful APIs with OAuth2 and role-based access control.

- Consumed external SOAP Web Services for financial and payment system integrations.

- Integrated Docker with CI/CD to streamline deployments.

* - Developed batch processing solutions with Spring Batch
* - Created RESTful APIs with comprehensive error handling
* - Utilized Redux for state management
* - Implemented component-based architecture patterns
* - Implemented Spring Security for authentication and authorization
* - Configured RDS for database management and backups
* - Developed enterprise-grade applications using Java 8-21 features
* - AWS
* - Implemented CloudWatch for monitoring and logging
* - Applied design patterns for scalable application development
* - Utilized Lambda functions for serverless computing