**Gyana Ranjan Mohanty**

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**Professional Summary:**

* Senior Software Engineer with 11+ years of experience developing scalable, cloud-native applications using Java, Spring Boot, and AWS.
* Expertise in microservices, multithreading, design patterns, RESTful APIs, and Spring Web/Security, ensuring high-performance, maintainable solutions.
* Strong background in database integrations (Oracle, PostgreSQL), DevOps (Git, Jenkins, CI/CD), and cloud deployments (Kubernetes, Docker, AWS ECS/EKS).
* Proven ability to mentor teams, drive products from POC to production, and collaborate in agile environments within insurance, banking, and supply chain domains.

**Work Experience:**

**Vanderlande Industries, Marietta, GA Mar 2021 – Present**

**Senior Software Engineer**

* Designed and implemented scalable, resource-efficient microservices to optimize order management, picking, storage, and shipping workflows, significantly improving throughput and efficiency.
* Developed resilient, event-driven APIs by integrating microservices with Kafka, ensuring real-time data streaming and seamless communication across systems.
* Enhanced application security by implementing authentication and authorization using OAuth, Spring Security and Keycloak, reducing security vulnerabilities by 30%.
* Managed containerized deployments using Docker, Kubernetes, Helm and Unix Shell Scripting standardizing the infrastructure and improving deployment efficiency.
* Optimized cloud resource utilization by integrating microservices with AWS services like ELB, EBS, S3, and RDS, enhancing system scalability and resilience.
* Enhanced software reliability by executing test-driven development (TDD) with JUnit, Mockito, and Cucumber, reducing production defects by 40%.
* Developed full-stack applications leveraging Angular, optimizing frontend responsiveness and delivering a seamless user experience.
* Implemented optimal database persistence strategies using PostgreSQL, Redis, Hibernate and Liquibase, enhancing data integrity and performance.
* Worked in an Agile Scrum environment, collaborating with cross-functional teams to deliver high-quality, on-time project deliveries.

**Genworth Financial, Lynchburg, VA Jan 2018 – Feb 2021**

**Senior Software Engineer**

* Developed and maintained a full-stack Life Insurance Administration System using Java 8 and Angular, ensuring seamless policy management and user experience.
* Automated policy reporting systems to various downstream applications leveraging Spring batch, significantly improving business team productivity.
* Developed an automated solution for policy premium corrections, optimizing rider premiums and coverage adjustments, leading to faster issue resolution and reduced turnaround times.
* Led and mentored a global team of 5 junior engineers, fostering skill development and ensuring efficient project execution across multiple time zones.

**American Express, Phoenix, Arizona Mar 2014 – Dec 2017**

**Software Engineer**

* Enhanced a Java-based credit report system, ensuring secure PII data masking and seamless data integration.
* Developed Restful web services and messaging applications for core credit card settlement systems.
* Collaborated with business analysts to resolve critical production issues within SLA, ensuring system reliability and alignment with upstream/downstream services.

**Skills:**

* **Programming** – Java 17, SQL, TypeScript, JavaScript, Bash Scripting, XML, HTML/CSS, Helm
* **Frameworks & Libraries** – Spring boot 3, Spring Data JPA, Spring security, Spring Cloud, Spring Kafka, Hibernate, Quarkus, Angular JS, Junit, Mockito, Cucumber, SonarQube
* **Messaging & APIs** – JMS, Kafka, RabbitMQ, ActiveMQ, Rest APIs, gRPC
* **Cloud & DevOps** – AWS (EKS, ECS, Lambda, Beanstalk, RDS, S3, SQS, SNS), Kubernetes, Docker, Jenkins, Git, Bamboo, Flux CD, Maven, Gradle, Prometheus, Grafana

**Education:**

* Bachelors (B.S.) in computer science & engineering, Biju Pattnaik University of Technology, India (2009-13)

**Certifications:**

* 01/2017 - Associate Life Management Institute, LOMA
* 03/2020 - Oracle Certified Java Developer (Java 8).