**SHAMSHEE RUHANI**

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# SUMMARY:

* A skilled Java Developer with over 5 years of experience in building scalable, cloud-native applications.
* Proficient in Java, Spring Boot, and AWS, with a strong background in microservices architecture and API development.
* Expertise includes optimizing application performance, integrating third-party APIs, and collaborating effectively with cross-functional teams to deliver business-driven solutions.
* Adept at tackling complex technical challenges, ensuring high availability, and contributing to seamless system integration to meet evolving business requirements.
* Known for a results-driven approach and ability to enhance system efficiency while ensuring robust functionality.
* Prompt in delivering efficient and quality code to clients.
* Experience in working with high-performance development teams using Agile/Scrum methodologies.
* Gained experience in various Domains including Insurance, Hotel management, automobiles and Healthcare.
* Experienced Software Engineer with expertise in designing and developing RESTful Microservices using Spring Boot, Spring Data, Mockito and Junit.
* Experienced in implementing authentication and authorization functionality using JWT tokens.
* Highly skilled in Java Development, with a deep understanding of object-oriented analysis and design principles.
* Hands-on experience with version control systems such as Git, Tortoise Git, Bitbucket, CICD pipeline, and GitHub.
* Skilled in facilitating knowledge transfer and conducting code reviews, fostering a collaborative and innovative team culture.

# SKILLS:

* Apache Kafka, Micronaut,
* Java 8, Java11, J2EE
* Spring Boot, Spring Data, Spring security
* MySQL, PostgreSQL,
* Cloud (EC2, S3, Lambda, Cognito, DynamoDB, CloudWatch, API Gateways, SQS)
* HTML, CSS, Node.js
* REST APIs, Json, Git, Jira, Eclipse, Postman, Maven
* IntelliJ, Apache POI, Bitbucket, SonarQube, JMeter

**EDUCATION**

* Bachelor of Engineering (CSE) From Surguja University

# PROFESSIONAL EXPERIENCE

**V-NEXT Bypass**  **Hitachi Vantara**

**Java Software Engineer** September 2022 – January 2025

**Contributions:**

* Developed a system to reduce operational expenses and improve latency based on NISSAN business requirements by migrating Azure services to an AWS-backed infrastructure.
* Built a Kafka consumer with Spring Boot (Java 11) to backup and enrich incoming data via third-party systems, delivering enriched data to customers using AWS Lambda, S3, and Kinesis Firehose.
* Managed a 3-member engineering team and coordinated with business partners, fostering successful collaboration and strong partnerships.
* Optimized AWS services such as S3 and CloudWatch to reduce infrastructure costs.
* Delivered a module demo to the client after each sprint cycle, gathering feedback, and aligning development with business requirements.
* Conducted R&D on transforming JSON structures and restructuring JSON keys into a new format using the JSON Jolt library.
* Contributed to the development of the MDA dashboard, leveraging CloudWatch logs and metrics to analyze data flow and system monitoring.
* Implemented agile practices, participated in story grooming, and provided status updates for assigned tasks in Jira.
* Led end-to-end module development, from Requirement Analysis to Deployment, ensured seamless integration with QA teams.
* Implemented event-driven architecture through EventHub which allow Kafka consumers to subscribe to events.
* Integrated Spring Boot with Apache Kafka to process the messages and connect to the main Gamma Engine.
* Collaborated with the client and business teams to integrate modules as per requirements.
* Created documents for each service based on design documents.
* Provided regular project status updates during scrum meetings.
* Conducted knowledge transfer and code reviews for team members.
* Performed unit testing with JUnit and Mockito and maintained version control using Bitbucket.
* Managed troubleshooting, bug fixing, and accurate technical documentation.
* Performed load testing using JMeter to analyze system behavior under data stress conditions.

**Environment** : Java 11, Spring Boot, Junit, Mockito, Bitbucket, IntelliJ, JMeter, Postman, Maven, Apache Kafka, AWS S3, AWS Lambda, CloudWatch, SQS, Secrets Manager, PostgreSQL, Jenkin (CI CD).

**Freestyle Libre - E-Commerce Tekplay System Limited**

**Java Software Engineer** June 2021 – August 2022

**Contributions:**

* Contributed to the development of a configuration-based web application for Abbott Laboratories, enabling an e-commerce platform for healthcare products across Germany, Ireland, and Nordic countries.
* Developed microservices using REST APIs, Spring, Spring Data, AWS Lambda, DynamoDB, S3, Cognito, CloudWatch, and MySQL.
* Created CloudWatch corn jobs to trigger AWS Lambda daily for refreshing third-party API tokens.
* Integrated third-party APIs into the application for precaution videos, health tips, and medicine information.
* Engaged with clients to address concerns and collaborated with third-party experts to resolve issues effectively.
* Managed code movement from development to QA, ensuring smooth deployments, conducting pre-release testing, and coordinating with QA teams to validate feature functionality.
* Developed unit test cases using JUnit and Mockito to enhance test coverage and ensure high code quality and performed integration testing to validate the entire system.
* Managed and executed enhancements and bug fixing as per defined standards and framework.
* Conducted knowledge transfer and code reviews for team members.
* Provided regular project status updates during scrum meetings with Team lead and project manager.
* Managed troubleshooting, bug fixing, and accurate technical documentation.

**Environment** : Java 8, Junit, Mockito, Bitbucket, IntelliJ, Postman, Maven, Apache Kafka, AWS S3, AWS Lambda, CloudWatch, SQS, Cognito, Git, Jenkin(CICD).

**EVA, No EXPENSE FastCollab System Pvt. Ltd**

**Java API Developer** March 2020 – May 2021

**Contributions:**

* Developed a self-booking system for corporate travel (EVA) and an expense management tool (No Expense), enhancing employee travel experiences and improving team productivity with a Travel-as-a-Service model.
* Designed and integrated microservices-based APIs using Spring Boot, Spring Data, Spring Security, and AWS services (S3, Lambda, DynamoDB Stream, API Gateway, MySQL) for hotel and flight bookings.
* Led a 1-day workshop on Spring Security with 6 participants, providing practical insights into application security best practices.
* Researched Apache POI for generating Excel files to track customer expenses.
* Implemented a file upload service to handle profile images, customer bills, PDFs, and Excel files using AWS Lambda, DynamoDB Streams, and S3.
* Retrieved a large volume of records from Booking.com to enrich the database, utilizing executor Service for multithreading, enabling efficient parallel processing and improved performance.
* Contributed to the schema design of the No Expense application, optimizing database performance and scalability.

**Environment:** Java 8, Spring Boot, Spring data, Spring security, JPA, JUnit 5/JUnit, Bitbucket, STS 3.0, Postman, Maven, Apache Kafka, AWS S3, Lambda, CloudWatch, SQS, Step function, DynamoDB Stream Tortoise GIT, MySQL, workbench, Jenkin(CICD).