Muhammed Shemeel| Software Developer

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📍 Dubai, United Arab Emirates

PROFILE SUMMARY

Experienced **Full Stack Java Developer** with over **7 years** of expertise in architecting, developing, and maintaining robust enterprise applications. Proficient in **Java, Spring Boot, Hibernate, ReactJS, and Go**, with hands-on experience in **microservices architecture**. Known for **strong problem-solving skills, mentoring team members, and delivering scalable, secure solutions** aligned with business needs. Excellent communication and collaboration abilities in dynamic team environments.

SKILLS

- Proficient in **Java, Spring-boot, Spring-cloud, Spring-data, Hibernate and microservice architecture**
- Experience in developing microservices using **Spring-boot & Quarkus** framework
- Experience in developing microservices using **Go Lang**
- Experience with databases such as: **Oracle, MySQL, and PostgreSQL, MongoDB**
- Experience in front-end technologies such as: **JSP, JavaScript, React JS, React-Native and Redux**
- Experience in CI/CD tools such as: **Jenkins, Git, Bit-bucket**
- Familiarity with containerization technologies such as: **Docker, Kubernetes & Open-shift**
- Experience in **JBoss and Apache Tomcat** application servers
- Experience with unit testing frameworks such as: **JUnit and Mockito**
- Experience in writing feature and integration tests using **Cucumber**
- Familiarity with Agile software development methodologies
- Experience in project management & collaboration tools such as: **Jira, Confluence, Slack**
- Strong understanding of software design patterns
- Excellent problem-solving and analytical skills
- Strong written and verbal communication skills
- Ability to work independently and in a team environment

WORK EXPERIENCE

Network International LLC   **Aug. 2023 – Present**
Technical Specialist   *Dubai, UAE*

Product:
N-Genius One is a digital acceptance solution that supports multiple payment acceptance methods in a single mobile app. N-Genius One offers

- Pay-by-QR
- Pay-by-Link
- Tap-To-Pay (iOS and Android)
- Create Invoice

Roles and Responsibilities:

- Spearheaded the development team that led to the successful launch of **Apple Tap to Pay in the UAE**, making the company the **first in the region** to offer this innovative iOS-based contactless payment solution
- Collaborated with the development team to design and develop microservices using **Java, Spring Boot, Quarkus**
- Designed and implemented RESTful APIs using **Java-Spring boot**, documented APIs with **Swagger** for internal and external integrations
- Built and maintained dynamic, high-performance UI features using **React Native and Redux**
- Wrote robust unit tests with **JUnit and Mockito** to ensure code reliability and maintainability.
- Implemented **Cucumber** feature tests to validate application workflows and support behavior-driven development.
- Actively participated in Agile ceremonies and managed team deliverables using **Kanban** methodology.
- Conducted thorough code reviews, driving adherence to clean code principles and optimizing team performance.
- Monitored application behavior and logs using **Kibana**, resolving production issues swiftly to ensure high system availability.
- Led the **upgrade of Keycloak, Java, and Spring Boot** to their latest versions, resulting in improved performance and security
- Mentored junior developers, providing technical guidance, code reviews, and fostering a collaborative team environment.
- Delivered timely solutions to complex technical challenges, ensuring project timelines and service quality were consistently met

Tools & Technologies:
Java, Kotlin, JavaScript, Spring-boot, Spring-cloud, Spring-Data-JPA, Quarkus, React JS, OAuth, Keycloak, REST, Kafka, Kafka-streams, Swagger, Consul, Maven, Jenkins, Docker, Kubernetes, Postman, Git, Bit-bucket, MySQL, MongoDB, Junit, Mockito, Jira, Confluence, IntelliJ Idea, Kibana, Prometheus

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N-Genius Transaction Manager (TM) is a principal component of Network International's payment architecture, responsible for all external and internal integrations. TM handles all third-party integrations such as **Base24, CompassPlus, AANI, NPCI, VISA TerraPay, and ChinaUnionPay**. The TM employs a microservices architecture written in Go.

Roles and Responsibilities:
- Played a key role as a core developer in designing and building critical features for the Transaction Manager (TM) platform using Go, collaborating closely with cross-functional teams.
- Integrated with various third-party services like AANI, NPCI, VISA etc
- Implemented features which include Base24 integrations for EVM transactions
- Maintained high code quality by writing comprehensive unit tests and adopting rigorous testing strategies.
- Actively contributed to peer code reviews, promoting clean code principles, design best practices, and continuous improvement within the development team.

- Provided accurate effort estimations for new feature development, enabling efficient sprint planning and timely delivery.
- Optimized application performance and reduced the latency via efficient coding practices and database query optimization
- Oversaw deployment processes to various testing environments and served as the primary liaison with QA teams, ensuring smooth release cycles and issue resolution

Tools & Technologies:
Go Lang, Javascript, Jenkins, Shell script, MySql. MongoDB

LTIMindtree   **Mar. 2022 – Jul. 2023**
Specialist – Software Engineering   *Coimbatore, TN, India*

Client:
Allegiant Air is an American ultra-low-cost airline that operates scheduled and charter flights. As part of the Viva Navitaire initiative, the legacy booking system is deprecated & upgraded to a new microservices architecture to integrate with Amadeus Navitaire

Roles and Responsibilities:
- Led the development of enterprise-grade microservices using **Java and Spring Boot**, establishing **scalable and maintainable** backend architecture.
- Architected and delivered **RESTful APIs** with complete **Swagger** documentation, enhancing API usability and cross-team collaboration.
- Enforced robust unit testing practices using **JUnit and Mockito**, ensuring high code coverage and system stability across releases.
- Drove Agile development cycles using **Scrum and Kanban**, aligning team velocity with project goals and ensuring timely delivery of critical features.
- Oversaw defect management in coordination with QA teams, implementing proactive quality assurance processes and reducing production issues.
- Conducted in-depth code reviews and provided hands-on **mentorship to junior** and mid-level developers, fostering technical growth and adherence to best practices.
- Championed **clean code principles**, applying design patterns, modularization, and refactoring to enhance codebase performance and maintainability.
- Acted as the technical liaison with customers and stakeholders, translating business requirements into technical solutions and resolving production issues with minimal turnaround time.

Tools & Technologies:
Java, Spring-boot, Spring-cloud, Spring-Data-JPA, Spring-webflux, REST, Kafka, Kafka-streams, GraphQL, Swagger, Consul, Maven, Jenkins, Docker, OpenShift, SonarQube, Fortify, JBoss, Tomcat, Postman, Git, Bit-bucket, MySQL, Junit, Mockito, Jira, Confluence, IntelliJ Idea

IBS Software Pvt Ltd   **Apr. 2019 – Mar.2022**
Senior Product Engineer   *Cochin, KL, India*

Product:

iCargo implementation for **Japan Airlines (JAL)**: iCargo is a product developed by IBS Software, it is a comprehensive cargo management system that helps airlines and cargo handlers to manage their air cargo operations efficiently. The system provides end-to-end visibility of the cargo lifecycle, from booking to delivery, and enables real-time tracking and monitoring of shipments.

The system is built using modern technologies such as microservices, APIs, and cloud computing, and is scalable and flexible to meet the evolving needs of the industry

Roles and Responsibilities:

- Collaborating with the customer and product management team to understand the user requirements.
- Designing and developing new features for **iCargo** operations module as per customer requirements.
- Developing the UI using front-end technologies such as **JSP, JavaScript, ReactJS, and Redux**.
- Developing **RESTful** web services using **Java, Spring** framework and integrating UI to backend.
- Following Agile software development methodologies.
- Improving code quality by implementing best practices such as design patterns, modularization, and refactoring.
- Interacting with customers to understand their requirements and resolve production issues in a timely and efficient manner.
- Adhering to coding and quality standards, and ensuring that the code meets the expected performance and reliability.
- Collaborating with QA team to identify and resolve bugs and ensure high quality of the product.

Tools & Technologies:

Java, JavaScript, Spring-boot, Spring-Data-JPA, ReactJS, Redux, REST, Swagger, Jenkins, Docker, SonarQube, WebLogic, JBoss, Tomcat, Postman, Git, Bit-bucket, Oracle SQL, PostgreSQL, Junit, Mockito, Jira, Confluence, Eclipse

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Allianz Technology   **Sep. 2017 – Apr.2019**
Software Engineer   *Trivandrum, KL, India*

Client:

Allianz UK Claims**:**

GDF (Global Digital Factory): Allianz Global Digital Factory (GDF) is a digital innovation unit within Allianz, one of the world's largest insurance and financial services companies. GDF is responsible for driving the development of digital solutions to support Allianz's business operations and improve customer experiences. As part of GDF, we developed APIs to integrate other system to Claims handling system.

The architecture involves 15 web services that consume Soap and Restful services in the claim center and Coronet. Angular and AEM services call the REST APIs using JSON request, which is translated and transformed by our application and consumes Soap/Rest services from the claim center/Coronet.

Roles and Responsibilities:

- Developed REST APIs using Java and Spring framework to integrate different systems with Guidewire Claim Center application.
- Conducted unit testing and debugging of the APIs to identify and resolve bugs.
- Collaborated with team members to ensure successful integration of the APIs.

- Supported build and deployment of the applications.

Tools & Technologies:
Java, Spring, REST, SOAP, Swagger, Jenkins, JBoss, Tomcat, Postman, Git, Bit-bucket, Junit, Mockito, Jira, Confluence, JBoss developer studio

EDUCATION

University of Calicut   **Apr, 2016**
BTech, Electronics & Communication Engineering

- CGPA: 7.33/10

VISA STATUS

Resident Visa Dubai

ADDITIONAL INFORMATION

Dubai driving license holder
Have Self transportation