Robeil Aregawi

Full-Stack Java Developer

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As a Full-stack java developer, I am seeking a challenging position in a dynamic organization where I can utilize my 5 years of hands-on Java and React experience in designing and improving microservices applications, with a proven track record of code readability, improving tram performance, and adhering to industry standards, I bring expertise in all stages of the software development. I am committed to delivering high-quality solutions by leveraging my technological knowledge, which includes Java spring, spring boot, My SQL, MongoDB, React, Responsive UI, and a variety of design patterns. I have a master's degree in computer science, and I hold AWS Cloud Computing Certification. Through complete software development life cycles, I have demonstrated expertise in using technologies such as Java, React, GitHub, AWS, Spring, Hibernate, Microservices using Agile Scrum.

- Software Development Life Cycle, Requirement Analysis, Testing
- Web Services, API Design, MVC Pattern, Version Control
- Backend Development, Software Engineering
- Java, Spring Boot, Microservices

WORK EXPERIENCE

Enterprise Fleet Management | Java Developer   **St, Louis, MO | 09.2020 - 02.2022**

- Participate and contribute to architectural meetings.
- Developed and deployed Spring batch processing application to handle large number of records.
- Extensive experience in writing test cases using JUnit 5 and Mockito.
- Developed scripts to handle user data conversion.
- Developed application using spring Boot using Spring web, Spring Data, Spring Security.
- Worked in developing and deploying RESTful microservices on the AWS Cloud using Spring Boot and Spring Cloud, utilizing various components.
- Update and manage config server to centrally control app configs for each application in pre-prod and prod
- Implemented mapping of associations between entity classes and the relationship between logic.
- Created repositories in Spring Boot that utilize both native SQL queries and JPQL.
- Utilize dependency injection and constructor injection when creating components.
- Developed RESTful CRUD endpoints in Spring Boot.
- Wrote clean, efficient, and maintainable code that follows industry best practice and coding standard.

Technologies Used: Java, Spring, Spring Boot, Spring MVC Spring Cloud, REST, JUnit, Mockito, IntelliJ, Maven, Kafka, Microservices technologies (Eureka, Feign, ConfigServer, Zipkin, Ribbon…)

LwamTech Solutions LLC | Java Developer   *Alexandria, VA | 12.2017 - 04.2020*

- Implemented software applications based on customer requirements, ensuring client satisfaction.
- Gathered and analyzed project requirements and converted into technical specifications.
- Implemented and used microservices architecture for application development.
- Developed RESTful API in collaboration with front-end developers.
- Implemented software applications based on customer requirements, ensuring client satisfaction.

Technologies Used: Java, Spring, Spring Boot, REST, JUnit, Mockito, IntelliJ, Maven, Kafka, Microservices technologies (Eureka, Feign, ConfigServer, Zipkin, Ribbon…)

Dahlak IT Solutions| Junior Java Developer   *Asmara, Eritrea | 07.2015 – 08.2016*

- Implemented enterprise solutions using design patterns and Agile / Scrum methodologies.
- Sending messages using ActiveMQ and Kafka to remote applications.
- Built, tested, and maintained software with Spring framework technologies.
- Implemented and used microservices architecture for application development.
- Maintained software and documented programming tasks and procedures.

Technologies Used: Java, Spring, Spring Boot, REST, JUnit, Mockito, IntelliJ, Maven, ActiveMQ, Kafka etc.

CORE SKILLS

Language: Java, JavaScript
Web: HTML5, CSS3, JavaScript, Thyme leaf, Ajax, React
Web Services: REST, Microservices
Web and Application Servers: Apache Tomcat
Frameworks: Spring Boot, Spring Cloud, Hibernate, Node.js, Express
Databases: MySQL, MongoDB, MS SQL
Design Patterns: Singleton, Façade, Factory, Observer, Command, Microservices Design Patterns (CQRS, SAGA).
CI/CD: GitHub, Amplify (AWS), Jenkins
SDLC: Agile / Scrum, Iterative, Domain-Driven Design (DDD), Test-Driven Design
Tools: IntelliJ IDEA, Eclipse, VS Code, STS, Maven, StarUML, Bootstrap, Postman, Docker, Junit, Mockito, RestAssured, Kafka
Platforms: Windows, MacOs

ACADAMIC PROJECTS

- **Course Registration System, MIU (2022):** Created backend enterprise application with high scalability to manage online registration, students, and courses. Designed application using trending Microservice architecture.
  Technologies Used: Java, Spring Boot, Hibernate, MongoDB, Microservice Architecture, JMS, Kafka, Zipkin, IntelliJ.
- **Banking Application, MIU (2022):** A backend enterprise application, with scalability and reliability to manage banking system. System was created using Microservice architecture.
  Technologies Used: Java, Spring Boot, Hibernate, MongoDB, Microservice Architecture, JMS, Kafka, Zipkin, IntelliJ.
- **E-Library, MIU (2022):** Designed full stack application to manage library books.
  Technologies Used: Java, Spring Boot, Thymeleaf, Hibernate, MySQL, IntelliJ, Git.
- **Online Dictionary, MIU (2022):** Developed an online dictionary with keyword search functionality.
  Technologies Used: HTML5, CSS3, jQuery, AJAX, Express, Node.js, JSON
- **Personal Portfolio:** Created Personal Portfolio that shows current and previous achievement.

Technologies Used: React, fetch, Node.js, Lambda Function, S3, SNS, DynamoDB, Route53, CloudFront, Amplify

EDUCATION

Maharishi International University | master's degree   *Fairfield, Iowa | 08.2021 - 12.2023*
Computer Science Cumulative GPA 3.7

Eritrean Institute Technology | bachelor's degree   *Mai-Nefhi, Eritrea | 09.2012 - 06.2016*
Computer Science Cumulative GPA 3.6

CERTIFICATES

Full Stack Web Development	**AWS Cloud Practitioner**	**Scrum Master Certification**
Washington University	Certified Cloud Computing	Agile / Scrum master