Robeil Aregawi

Java Developer

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Talented and Java Software Engineer with 4+ years of Hands-on back-end experience, including latest experience in designing and improving microservices applications. Proven experience in optimizing code readability and improving team performance by implementing best practices and ensuring industry standards. Experienced in all stages of the software development lifecycle, with a valuable role in everything from requirements gathering to analysis, design, development, testing, and deployment. Expertise in the development of back-end components, as well as databases, algorithms, interfaces, APIs, and tools. Technological knowledge includes Java spring, spring boot and MS SQL, MySQL, MongoDB as well as a variety of design patterns. Completing my master's degree education in Computer Science and awaiting my graduation ceremony this December 2023. Holder of AWS Cloud Computing Certification. Skilled in using technologies such as Java, GitHub, AWS, Spring, Hibernate, Microservices using Agile Scrum through complete software development life cycle.

- Software Development Life Cycle
- Requirement Analysis
- Testing
- Web Services
- Backend Development
- API Design
- Version Control

WORK EXPERIENCE

Lwam Tech Solutions LLC | Backend Developer   Alexandria, *VA* | *09.2017 - 11.2021*

- Collaborated with cross-functional IT teams and implemented proven technologies to develop numerous software products while insuring scalability, reusability, and reliability in Agile environment.
- Participated in a software development team, testing and maintenance of a software project focusing on back-end components.
- 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, Kafka, Microservices technologies (Eureka, Feign, ConfigServer, Zipkin, Ribbon…)*

EDUCATION

Maharishi International University | master's degree   *Fairfield, Iowa* | *08.2021 - 12.2023*
(Ceremony December 2023)
Cumulative GPA 3.7

Washington University | Certificate   *Seattle, Washington* | *05.2020 - 12.2020*

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

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CORE SKILLS

Language: Java
Web: HTML5, CSS3, JavaScript, Thyme leaf, Ajax
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)
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

CERTIFICATES

AWS Cloud Practitioner
Cloud Computing

Scrum Master Certification
Scrum Master and Agile