

# Robeil Aregawi

Java Developer

📍 Seattle, Washington | 📞 206-602-5164

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Talented and certified 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. Just completed my master's degree education in Computer Science and awaiting my graduation ceremony this June 2023. Skilled in using technologies such as Java, TypeScript, GitHub, Spring, Hibernate, Microservices using Agile Scrum through complete software development life cycle.

## WORK EXPERIENCE

### Liya Enterprise LLC | Backend Developer

Asmara, Eritrea | 07.2015 - 08.2019

- 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 in charge of development, testing and maintenance of a software project focusing on back-end components.
- Participated in the development of:
  - A Modular monolith Custom School management system that can be implemented on different schools with minor modifications.
  - A Microservice based bank management system
  - A Microservice based Online Marketing system
- 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 - 06.2023

(Completion June 2023)

Cumulative GPA 3.8

### Washington University | Certificate

Seattle, Washington | 05.2020 - 12.2020

### Eritrean Institute Technology | Bachelor's Degree

Mai-Nefhi, Eritrea | 09.2011 - 06.2015

Cumulative GPA 3.6

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## CORE SKILLS

**Web:** HTML5, CSS3, JavaScript, TypeScript, Angular, Thyme leaf, Ajax

**Web Services:** REST, Microservices

**Web and Application Servers:** Apache Tomcat

**Frameworks:** Spring Boot, Spring Cloud, Hibernate, Node.js, Angular, Express

**Databases:** MySQL, MongoDB, MS SQL

**Design Patterns:** Singleton, Façade, Factory, Observer, Command, Microservices Design Patterns (CQRS, SAGA)

**SDLC:** Agile / Scrum, Iterative, TDD

**Tools:** IntelliJ IDEA, Eclipse, VS Code, Web Storm Git, Maven, basic Gradle, StarUML, Bootstrap, Postman, Docker, Junit, Mockito, RestAssured, Kafka

**Platforms:** Windows, MacOS

## ACADAMIC PROJECTS

- **Shopping Cart Management System, MIU (2022):** Created backend enterprise application with high scalability to manage online shopping, shopping cart, customers and orders. Designed application using trending Microservice architecture.  
*Technologies Used:* Java, Spring Boot, Hibernate, MongoDB, Microservice Architecture, JMS, Kafka, Zipkin, Spring Security OAuth2 / JWT, 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, Spring Security OAuth2 / JWT, IntelliJ.
- **Online Shopping System, MIU (2022):** Built and implemented enterprise application to facilitate online shopping with numerous user roles.  
*Technologies Used:* Spring Boot, React.js, HTML5, CSS3, Hibernate, MySQL, StarUML, Swagger, Git, JWT Security.
- **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 (2021):** Led development of online dictionary with keyword search functionality.  
*Technologies Used:* HTML5, CSS3, jQuery, AJAX, Express, Node.js, JSON