Girma Moges Teklemariam

1000 North 4th Street • Fairfield, Iowa 52557
641.819.1192 • girmateklemariam@gmail.com
https://www.linkedin.com/in/girma-teklemariam/

Java Developer

Motivated Java Developer with 5 years of professional experience implementing enterprise web applications projects through all phases of software development life cycle. Ensure optimal functionality and performance of applications by troubleshooting and performing tests to identify and fix bugs. Skilled in implementing technologies such as Java, Spring, Hibernate, JavaScript, Jenkins, C#, HTML5, CSS3, MS SQL, MongoDB and AJAX.

Software Development Life Cycle • Java / Object Oriented Programming • Database Design
Backend Development • Data Structures / Collections • Design Patterns

Languages: Java, JavaScript and C#
Web: JSP, Servlet, HTML5, CSS3, AJAX, jQuery, Bootstrap, J2EE, Thyme leaf, Typescript, AJAX, and JSON
Web Services: RESTful Web Service API, JSON and Microservices
Web and Application Servers: Apache Tomcat, IBM Glassfish, IIS
Technologies: Eureka, Histrix, Object Relational Mapping (ORM), Inversion of Control (IoC)
Frameworks: Spring (MVC, Boot, Security, AOP, Data), Hibernate, and Kafka
Databases: Relation Database (MySQL, MS SQL, Postgre SQL) and NoSQL (MongoDB)
Design Patterns: Singleton, Observer, Command Strategy, Composite, Factory, MVC, Proxy, Adapter, Dependency Injection (DI), Inversion of Control (IoC), Iterator, Session, Prototype, State, Template and Chain of responsibility, Circuit Breaker.
SDLC: Agile / Scrum, Waterfall, Jira and TDD
Tools: IDE (Visual Studio Code, IntelliJ, Eclipse, Spring Tool Suite and Microsoft SQL Server Management Studio), StarUML, GitHub, Postman, Swagger, Slack, Trello and Jira
Platforms: Windows 7 / 8 / 10, Linux, Docker, Kubernetes

PROFESSIONAL EXPERIENCE

Relocated to U.S., Enrolled in Graduate Studies and Seeking Employment   **11/2019-Present**

Savvy Technology Solutions, Washington, USA   **12/2019-09/2020**
Consultation-Design-Training-Development-IT services

Java Developer

Developed enterprise web application for different company clients.

Tasks Performed:
- Produced clean business logic for models in the MVC structure using Java and JavaScript on the server side.
- Implemented routing and HTTP modules for navigation between the components and invoking the rest services using GET, POST, PUT, and DELETE methods.
- Followed TDD (Test Driven Design) to make sure we have all the test for every behavior and that all our codes are clean, tested, and efficient with Junit and Mockito

Achievements:
- Successfully developed project for Octo (DC Office of the Chief Technology Officer).
- Analyzed requirements and ensured development according to specifications.

Technology Used: *Java, JavaScript, Spring Boot, Hibernate, Mockito, Junit, Git, HTML, CSS3, MySQL, Linux.*

Custor Computing plc., Addis Ababa, Ethiopia   **08/2017-10/2019**
Software and System development company.

Java Developer

Designed, developed, implemented and tested enterprise web applications by supervising junior developers. Implemented to production several projects in different business domains.

Tasks Performed:
- Established clean and efficient code to industry standards in Java and J2EE technologies.
- Involved in the complete SDLC including design of System Architecture, development of System Use Cases based on the functional requirements.
- Analysis, design, and development of enterprise application based on J2EE using Spring and Hibernate.
- Manage production database and generate quality SQL reports for clients that can be used to make important decisions and data forecasting.
- Improve data accuracy provided by users by Implementing and maintaining front end applications with latest technologies and ensures competitive UI and UX design for better user experience.
- Taking a leadership role in junior teams for delivering a project on time.
- Develop application based on Test Driven Development (TDD) technique and help improving code quality through Application Testing by writing unit, E2E and API tests.
- Mentor and provide feedback to junior team members.
- Collaborate closely with my team members, interacting with users as necessary to clarify requirements and take responsibility for managing tasks while working on Agile Teams.
- Create code generator for the company.
- Give training to company clients about the project.

Achievements:
- Successfully deployed and developed project for governmental entity Addis Ababa Road and Transportation Office.
- Significantly improved performance and qualities of backend, frontend and database systems with continuous troubleshoot and dedication of work.

Technologies Used: *Java, JavaScript, Spring Boot, Microservices, Hibernate, Mockito, Junit, Git, Jenkins, Docker, HTML5, CSS3, Bootstrap, MongoDB, Microsoft SQL Server, SQL Server Integration Service, Maven and JavaFX*

Africom Technology plc, Addis Ababa, Ethiopia   **05/2015-06/2017**
Cutting-edge IT solution provider focused on software development, networking, and consulting.

Junior Java Developer

Developed enterprise web application projects.

Tasks Performed:
- Used Spring framework for model view controller (MVC) and integrated with hibernate.
- Followed TDD (Test Driven Design) to make sure we have all the test for every behavior and that all our codes are clean, tested, and efficient with Junit and Mockito
- Used REST client / POSTMAN to check the response of various API's Swagger UI as a visual documentation for back-end implementation and client-side consumption. Handled various exceptions based on the response.

Achievements:
- Maximized performance by testing business logic and integrations.
- Significantly improved performance of back-end program by optimizing database, using normalized tables and materialized views.

Technology Used: *Java, JavaScript, Spring MVC, Hibernate, Mockito, Junit, Git, HTML, CSS3, Postman, MySQL, Linux.*

ACADEMIC PROJECTS

Reversi/Othello, MIU (2020): Developed a game application, then integrated with another team to allow multiplayer.
Technologies Used: *Java, JavaFx, HTTP, Web Socket, Git,* **Design Patterns (***Singleton, Memento, Façade, State, Iterator, Factory, Adapter, Mediator***),** **Algorithm (***MinMax, AlphaBeta***)**

Airline Reservation, MIU (2020): Implemented a system for appointments and reservations.
Technologies Used: *Java, Spring (Boot, Security), REST, Microservices, JMS, Junit, Mockito, Git, and MySQL.*

Online Market, MIU (2020): Designed and Developed online e-commerce web application capable of handling products. seller and buyer registration, rating and purchases.
Technologies Used: *Java, Spring (Boot, Security), JavaScript, HTML5, CSS, jQuery, JSON, REST, Thymeleaf, Git, Tomcat, and H2.*

Let's Explore, MIU (2020): Developed system to provide information related to tourist destinations.
Technologies Used: *Servlet, JSP, AJAX, jQuery, JavaScript, File System, Bootstrap 4, JSON, HTML5, Maven, Tomcat and Git.*

Library Management System, MIU (2020): Designed modules for library management application used to check in and check out books. ***Technologies Used:*** *JavaFX, Java 8, MySQL, Git and Eclipse.*

EDUCATION

Master of Science in Computer Science
(In progress via distance education; expected completion 2022)
Maharishi International University, Fairfield, Iowa

Key Courses: Fundamental Programming Practices, Modern Programming Practices,
Web Application Programming, Web Application Architecture, Enterprise Architecture, Advanced Software Design

Bachelor of Science in Electrical and Computer Engineering - 07/2017
Gondar University, Gondar, Ethiopia