

GIRUM FELEKE

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SOFTWARE ENGINEER

Adept full-stack Java developer with 5 years of experience delivering high-performance software solutions that meet industry coding standards and best practices. Accomplished in crafting clean architecture and preparing technical documentation to guarantee scalability and maintainability. Skilled in using technologies such as Java, Spring, Spring Boot, JavaScript, Angular, React, SQL, MongoDB, and Postgres.

Domain Driven Design • OOP • SOA • Agile Methodologies • TDD • Version Control Systems API Design and Development • Database Optimization • Cloud Infrastructure and Services
Microservices Architecture • CI/CD Pipelines • Design Patterns

Languages: Java, C#

Web: HTML, CSS, JavaScript, React

Web Services: REST

Web/App Servers: Apache HTTP Server

Frameworks: Spring boot, NodeJs, Laravel, Angular

Databases: MSSQL, PostgreSQL

Design Patterns: MVC, Singleton, decorator, command, Observer

SDLC: Agile, Waterfall

Tools: IntelliJ, eclipse, visual code, visual studio, sublime, Maven, Postman, Git, Bitbucket, Jira, Azure

Platforms: Linux, MacOS, Windows

PROFESSIONAL EXPERIENCE

CAREER NOTE: Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** (Available for full-time, W-2 employment).

EXCELLERENT SOLUTIONS INC, Addis-Ababa, Ethiopia • 06/2021 – 12/2022

Consulting company offering end-to-end services and solutions on Open Source, Cloud, API, and Automation technologies.

Software Engineer

- Spearheaded the development and implementation of highly responsive user interface components, resulting in a 20% increase in user engagement with the Employee Recognition Solution.
- Successfully modularized and updated old code bases, leading to a reduction in operating costs and an improvement in the overall functionality of the solution.
- Led and executed major enhancements to existing software systems, resulting in a 10% increase in operational efficiency and a 15% boost in overall system performance.
- Proactively identified and resolved 65% of bugs and weaknesses in client code, significantly enhancing the stability and security of the solution, which contributed to a 50% reduction in support tickets.
- Operated effectively in a multicultural remote Agile environment, contributing to the successful completion of 12 sprints with a 80% sprint completion rate.

Technologies Used: C#, Angular, React, MSSQL, CI/ CD, Target Project Management, Java, JavaScript, Spring Boot, AngularJS, Git, AZURE Pipelines

ADVANCED DEFENSE CONCEPT RESEARCH AND DEVELOPMENT, Addis-Ababa, Ethiopia • 10/2017 – 01/2021

Research and development, small-scale manufacture of electronic, electromechanical, and communications devices used in Business, Health Care, Industrial, and Defense Applications.

Software Developer

- Implemented a robust system for a Micro-finance Organization resulting in an impressive growth in customer base from 10,000 to over 500,000 customers.
- Developed a delivery system that transformed the logistics landscape, leading to a 40% reduction in delivery times.
- Designed and developed microservices and APIs to enable seamless integration with external partners such as restaurants, delivery fleets, payment gateways, and third-party platforms.
- Spearheaded the transition from manual airtime refill to an electronic system, eliminating manual processes and streamlining the airtime refill system.
- Implemented feature enhancements in an E-commerce website, leading to a 25% increase in user engagement.

Technologies Used: Nodejs, Apache, PostgreSQL, PHP, React, JavaScript, Linux, Git, PgAdmin, Jira, Visual Studio Code

ACADEMIC PROJECTS

Maharishi International University (2023) School Management System: The project's aim is to create a backend application of a school management system using microservices integrated with Spring Security and OAuth2 for enhanced functionality and security. Utilized Spring Boot, Spring Cloud, Kafka, Feign Client, Rest Template, Spring Data, MongoDB, JUnit, Git, Postman

Maharishi International University (2023) Alumni Management System: The project is about designing and developing a complete application, covering both client-side and server-side. The project's architecture adheres to REST principles, involving the integration of Spring Security. Utilized Spring Boot, Hibernate, Spring Data, MySQL, JUnit, React, Antd Library, Git, Postman

Maharishi International University (2023) Online Shopping Application: Developed web application for product inventory, shopping cart, and order processing. Utilized RESTful Web Service, Node.js, Express, JavaScript, Visual Studio Code.

Maharishi International University (2023) Online Library Management: Collaborated with team to develop management system for library operations. Utilized Java, Spring Boot, Spring Security, Hibernate, Java Swing, IntelliJ.

EDUCATION

Master of Science in Computer Science

(In progress via distance education; expected completion 10/2025)

Maharishi International University, Fairfield, Iowa

Key Courses: Software Architecture, Web Application Programming, Web Application Architecture, Algorithms

Bachelor of Science in Computer Science

Adama Science & Technology University, Adama, Ethiopia (2017)