

TINSAEBERHANE YOHANNES

tinsaeberhane.yohannes@gmail.com ♦ <http://www.linkedin.com/in/tinsaeberhane-yohannes>

+1(641) 233-2415 ♦ Charlotte, NC

Java Software Engineer

SUMMARY

Talented and self-motivated Java Developer, experienced with all phases of the SDLC in delivering high-quality, robust, and maintainable applications in alignment with business requirements. Proficient in a wide range of technologies, notably Java, Spring Framework, Restful, JavaScript, both relational and non-relational databases with MySQL, PostgreSQL, and Mongo DB, with a passion for learning and continuous improvement. Committed to adding value through creative problem solving, collaboration, and decision-making skills with a results-driven approach.

EDUCATION

Master's in computer science, Mahirishi International University 2022 - 2025

Key Courses: Modern Programming Practices, Database management, Software Engineer, Enterprise Architecture, Software Architecture.

Bachelor's in electrical engineering, University Of Asmara 2001 - 2006

Related Courses: Computer Programming, Advanced Programming, Data Communication and Computer Networks

SKILLS

Languages: Java, C++, JavaScript

Web: JavaScript, HTML, CSS3, XML, jQuery, JSP, Servlets, TypeScript, Bootstrap, Ajax

Web Services: SOAP, REST, JSON

Web/App Servers: Apache Tomcat, Glassfish, JBoss, Pivotal, IIS

Frameworks: J2EE, Spring Frameworks, Hibernate, Angular, ExpressJS, JavaFX, JUnit,

Mockito Databases: MySQL, PostgreSQL, MS-SQL, HQL, MongoDB

Design Patterns: Singleton, Prototype, Session, Session Factory, Observer, Adapter, Facade

Methodologies: Agile/Scrum, Kanban, Waterfall

Tools: Git, Jenkins, Docker, Kubernetes, Kafka, Active MQ, ELK, Clickup, Jira, Confluence, Postman, Swagger, Eclipse, Visual studio, IntelliJ

Platforms: Windows, Unix/Linux

Cloud Technology: Pivotal Cloud Foundry, AWS

EXPERIENCE

Software Engineer

February 2023 - Present

Kabbee.org

San Jose, USA

- Actively participated in code reviews and provided constructive feedback to enhance code quality and follow best coding practices.
- Implemented secure user authentication using Jwt authentication and spring security.
- Conducted rigorous testing and debugging to identify and resolve issues, ensuring a stable and user-friendly app experience.
- Collaborated with the backend team to design RESTful APIs for seamless communication with the streaming server.

Software Engineer

June 2020 - May 2022

Lysteknikk Elektroentreprenør

Oslo, Norway

- Continuously monitor the company's website performance, identify bottlenecks, writing, and optimizing the backend code, and database queries to improve response times, work with QA testers to fix bugs and overall performance.

- Integrate third-party services and APIs, such as payment gateways or email services, as needed for the website's functionality.
- Implementing communication protocols like Zigbee and KNX for efficient data exchange between devices.
- Developing algorithms and logic to optimize energy usage by controlling when and how lights are turned on/off.
- Integrating various smart lighting devices such as bulbs, switches, sensors, and controllers into a unified system.
- Implementing automation rules based on occupancy detection, time of day, or user preferences.

Sr. Software Engineer

Brothers Computer Center

April 2019 - June 2020

Asmara, Eritrea

- Led the analysis, design, and development of a micro-management application, improving operational efficiency by 40% and reducing manual errors by 25%.
- Collaborated closely with cross-functional teams, including product managers and business analysts, to gather requirements and translate them into technical specifications.
- Collaborated with security teams to ensure compliance with banking regulations and implemented secure authentication and authorization mechanisms.
- Provided technical leadership and oversaw project execution from a technical perspective.

Software Engineer

Brothers Computer Center

August 2017 - April 2019

Asmara, Eritrea

- Led the design and implementation of a scalable microservice architecture for a trading system, enabling a 50% increase in user capacity and reducing response time by 30%.
- Developed robust RESTful APIs using Java and Spring Boot and used Kafka resulting in seamless communication between microservices and reducing integration issues by 40%.
- Optimized database queries and data access layers, improving system response time by 30% and reducing database load by 20%.
- Conducted rigorous testing, including unit tests and integration tests, resulting in a 25% reduction in production defects and improved overall application stability.
- Maintained code quality through proactive code reviews and adherence to coding standards, resulting in a 20% reduction in technical debt.
- Collaborated with the operations team to proactively monitor and resolve production issues, achieving a 99.9% system uptime and minimizing user impact.

Lead Java Developer

Brothers Computer Center

March 2016 - August 2017

Asmara, Eritrea

- Led a team of developers in the design, implementation, and deployment of the backend and middleware components for a mobile operating system, ensuring optimal performance and seamless integration with front-end applications.
- Designed and implemented RESTful APIs and web services using Java and Spring frameworks, enabling efficient data exchange between the mobile operating system and various external systems.
- Implemented CI/CD pipelines using Jenkins, automating the build, test, and deployment processes, resulting in a 30% reduction in release cycles.
- Integrated third-party services and APIs to enhance system functionality, such as payment gateways and push notification services, resulting in an enriched user experience.
- Collaborated with mobile app development teams to provide guidance and support in backend integration and middleware implementation, resulting in seamless end-to-end system functionality.

Java Developer

Brothers Computer Center

May 2010 - November 2012

Asmara, Eritrea

- Collaborated with cross-functional teams to implement, test, and debug web and desktop applications for clients in the hotel, restaurant, travel agency, and trading domains.
- Implemented responsive user interfaces using HTML, CSS, and JavaScript libraries like JQuery, ensuring a

user-friendly and intuitive design.

- Conducted thorough unit testing using JUnit, identifying, and fixing software defects early in the development lifecycle and reducing post-release issues by 25%.
- Integrated applications with databases, utilizing SQL queries and database management systems like MySQL for efficient data retrieval and storage.

Supervisor

Abonosa Contracting & Engineering Co

Jan 2013 - November 2015

Khartoum, Sudan

- Led a team responsible for installation of electrical and network solutions.
- Created detailed electrical system designs, including lighting, power distribution, wiring layouts, and electrical equipment specifications. Analyzed project requirements and ensure compliance with local electrical codes and regulations.

PROJECTS

Whus Wefri: Built using Java, Spring Boot, and Kafka, this application manages clients by evaluating their investment plans, investment specialist provides financial advice, and safeguarding banks' investments, resulting in improved customer data management and streamlined operations.

Red Sea Trading: Developed a robust trading platform for Red Sea Trading Corporation, this cutting-edge system showcases their exclusive investment opportunities. Leveraging the power of Java, Spring Boot, AngularJS and MongoDB, the platform delivers unparalleled performance, scalability, and security, resulting in an impressive 50% increase in system capacity.

Ewut: Crafted a dynamic and innovative backend/middleware application for Eritrean Telecommunication, driving customer engagement and loyalty through enticing additional packages and rewarding loyalty based on consumption patterns. Leveraging the power of Spring Boot and RESTful APIs, the application seamlessly integrates with existing systems, delivering an enhanced user experience, and boosting customer satisfaction.

EXTRA-CURRICULAR ACTIVITIES

- I enjoy reading books about technological and philosophical topics.
- I love Playing football and swimming to stay active and healthy.