YOHANNES HAILE

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JAVA DEVELOPER

Highly skilled Software Developer with over 3 years of experience in designing, developing, and implementing scalable software solutions leveraging Java and Spring Boot. Graduated top of my class with a bachelor's degree in Computer Science and have built applications in the banking industry, agriculture, and health sectors. Proficient in the Spring framework, full stack development using React, Spring Boot, and Hibernate ORM, and Agile methodologies. Adept at all phases of the software development lifecycle, with a proactive approach to continuous learning and innovation. I aim to utilize my technical expertise and collaborative problem-solving skills in a dynamic organization.

Database Management • Microservices Architecture • API Development and Integration • Version Control • Cloud Technologies • Testing and Debugging • Object Oriented Programming (OOP) • Data Structures and Algorithms

Languages: Java, JavaScript
Web: HTML, CSS, ReactJS, NodeJS
Web Services: RESTful APIs, SOAP Web Services
Web/App Servers: Apache HTTP Server, Apache Tomcat, Nginx
Frameworks: Spring Boot, Hibernate, JUnit, Laravel
Databases: MySQL, MongoDB, PostgreSQL, H2 Database, SQL Server, HSQLDB
Design Patterns: Singleton, Factory Method, Builder, Decorator, Adapter, Façade, Strategy, Observer, Template, Iterator, Visitor, State, Command, Composite, Mediator, Proxy
SDLC: Agile, Waterfall
Tools: ActiveMQ, Maven, Kafka, Prometheus, Postman, Grafana, Eclipse, NetBeans, Git, Microsoft Office 365, NetBeans, HeidiSQL, WinSCP, Kibana, UML, Logstash, Beats, Elasticsearch, Docker, XAMPP, IntelliJ, Visual Studio
Platforms: Windows, Linux, Mac OS, Microsoft Azure
Big Data: Kafka, ELK Stack, Kubernetes
Application/Software: E-commerce, Banking Applications, Healthcare Systems, Learning Management Systems

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).*

NIB INTERNATIONAL BANK, Addis Ababa, Ethiopia • 05/2023 – 01/2024
Financial institution.
Software Engineer
Designed, developed, and integrated enterprise banking systems and solutions.
- Incorporated the bank's services with the Temenos T24 Banking system into the USSD platform using Temenos T24 and USSD technology, enhancing service accessibility.
- Led the development of a full-stack school fee payment system using Java, Spring Boot, React, and MySQL, streamlining the payment process and increasing efficiency.
- Embedded APIs into the bank's systems using Java, Flutter, Android Studio, Postman, JSON and REST APIs, significantly improving customer engagement and usability.
- Implemented rigorous testing and debugging protocols using JUnit and Mockoon, reducing system bugs by 30%.
- Optimized system performance using profiling tools, SQL optimization, and caching techniques, resulting in a 1000ms reduction in response time for banking services.
- Collaborated with cross-functional teams and mentored junior developers using Agile methodologies, fostering a culture of continuous learning and improvement.

Technologies Used: *Java, Spring MVC, Spring Data, Spring Security, Hibernate, React, Material UI, MySQL, Redis, Docker, Grafana, Kafka, Prometheus, Kubernetes, JUnit, GitLab, Postman, JSON, HTML, CSS, JavaScript*

RE TECHNOLOGIES, Addis Ababa, Ethiopia • 06/2021 – 04/2023
Technology solutions provider specializing in software development, IT consulting, and digital transformation services.
Software Engineer
Designed, developed, and maintained software applications, with a focus on full-stack development and payment system integration.

- Designed and implemented web applications using JavaScript, Node.js, and Spring Boot, improving user experience and functionality.
- Integrated Chapa, a payment system that allows users to pay using PayPal, Visa, Mastercard, or local payment methods worldwide, enhancing transaction security and reliability.
- Deployed multiple enterprise applications on Microsoft Azure, improving scalability, security and performance.
- Enhanced system reliability through testing and debugging practices with JUnit and Mockoon, reducing downtime by 25%.
- Maintained a high level of professionalism in client interactions, effectively gathering requirements, providing timely updates, and ensuring that projects met client expectations and business goals.
- Assisted in sales and information gathering for the RelinkAgri platform, increasing client acquisition and satisfaction.

Technologies Used: *Microsoft Azure, Laravel, Visual Studio Code, WinSCP, HeidiSQL, XAMPP, Android Studio, HTML5, CSS3, JavaScript, Java, PHP, MySQL, Docker, Kubernetes, GitLab, RESTful APIs, JUnit, Mockito*

FREELANCE EXPERIENCE

Freelance Developer and Tutor, Addis Ababa, Ethiopia ● 01/2019 – 05/2021
Delivered professional web development and tutoring services to clients, ensuring high-quality results and client satisfaction.
- Developed and maintained responsive websites using HTML, CSS, JavaScript, PHP, MySQL, WordPress, Bootstrap, and jQuery.
- Tutored students in programming, web development, mathematics, and other subjects.
- Communicated effectively with clients to understand their needs and provide regular updates.
- Managed multiple projects simultaneously, ensuring on-time delivery and adherence to client specifications.

Technologies Used: *Java, C++, HTML, CSS, JavaScript, PHP, MySQL, WordPress, Bootstrap, jQuery, Git, Adobe Photoshop, Microsoft Office*

ACADEMIC PROJECTS

Maharishi International University (2024)
- **Spring Framework clone:** Developed a custom lightweight framework that mimics key Spring features like dependency injection, component scanning, and event handling. This full-stack development and testing experience enhanced my understanding of modern framework architecture and application development. Utilized Java.
- **Bank Management Software:** In the Enterprise Architecture course, I developed a Spring Boot application for efficient bank operations, handling full-stack development and rigorous testing to ensure scalability, security, and reliability. Utilized Java, Spring Boot, Hibernate ORM, ActiveMQ, Kafka, MongoDB, Prometheus, Grafana, HsqlDB, H2DB, IntelliJ IDEA, SOAP UI, and Postman.
- **E-commerce Website:** Built a scalable platform for seamless buying and selling. I led the team, overseeing full-stack development with React for the frontend and Spring Boot with PostgreSQL for the backend, using Docker for deployment. Utilized Java, Spring Boot, HTML, CSS, JavaScript, Postman, Git, React, PostgreSQL, Docker, Visual Studio Code, and IntelliJ IDEA.

MicroLink Information and Technology College (2022)
- **EmployeeManagement System using Face Recognition:** Crafted a responsive website and desktop application for employee attendance management using facial recognition, earning a job offer from Ethiopia's Information Network Security Administration and 2nd best project in school. As team leader, I oversaw full-stack development and testing to ensure accuracy, reliability, and user-friendliness. Utilized C#, PHP, MySQL, Visual Studio 2022, Visual Studio Code, XAMPP, HTML, CSS, JavaScript, and EmguCV.

EDUCATION

Master of Science in Computer Science
(In progress via distance education; expected completion 10/2026)
Maharishi International University, Fairfield, Iowa

Key Courses: Web Application Programming, Web Application Architecture, Enterprise Architecture, Advanced Software Development

Bachelor of Science in Computer Science (Honors: Valedictorian)
MicroLink Information and Technology College, Addis Ababa, Ethiopia (2022)