

EYOSIAS M MEKONNEN

24 hutton ave , West Orange, NJ 07052  
415-769-7623 • [eyosiasmekonnen@outlook.com](mailto:eyosiasmekonnen@outlook.com) • <https://www.linkedin.com/in/eyosias-mekonnen/>

SUMMARY OF QUALIFICATIONS

Skilled Java Developer with over six years of expertise in creating enterprise applications across various business sectors. Demonstrated ability to manage the entire software development lifecycle for intricate client projects. Proficient in back-end design. utilizing industry’s best practices. Possess exceptional analytical, debugging, and troubleshooting skills with a resolute focus on maintaining high-quality code. Proficient in Java, Spring, Hibernate, React.js and MySQL. Demonstrated success in optimizing project performance, enhancing user experience, and building robust, data-driven systems for enterprise web applications.

TECHNICAL EXPERTISE

Frontend / Backend Design • Microservices • Database Design • Java Programming • User Interface  
Software Development Life Cycle • Dependency Injection • Object Oriented Programming

**Languages:** Java, Kotlin  
**Web Technologies:** JavaScript, HTML, HTML5, CSS3, jQuery, JSP, Servlet, Node.js, React.js, Express.js, Bootstrap, XML, CSS  
**Web Services:** RESTful, JSON, Microservices  
**Web and Application Servers:** Tomcat, Apache  
**API Architectures:** REST, GraphQL  
**Frameworks:** Spring (Boot, Data, Security, AOP, IOC-Dependency Injection), JavaFX, Express, React, Hibernate, JPA, Mockito, JUnit, TestNG  
**Databases:** MS SQL Server, MySQL, Mongo DB, PostgreSQL, Cassandra  
**Design Patterns:** Open Session in View Pattern, Singleton, Prototype, Session, Session Factory, Factory, Observer, Decorator, Template, Proxy, Facade, MVC, Composite, Command, Builder, Strategy, Mediator, Builder, Visitor, Bridge, Adapter, Iterator, Flyweight, Interpreter  
**SDLC:** Agile / Scrum, RUP, TDD, Waterfall  
**Tools:** Bootstrap, IntelliJ IDEA, Eclipse, NetBeans, Spring Tool Suite, VS Code, Git/GitHub, Maven, Star UML, Postman, Jenkins, CI/CD, Kafka, Kubernetes, ActiveMQ, Prometheus, Grafana  
**Platforms:** Windows, MacOS, Linux  
**Cloud:** AWS, Google Cloud Platform

PROFESSIONAL EXPERIENCE

Walmart Global Tech | Hoboken, New Jersey | Software Engineer III | FEB 2024 – Present

Walmart Global Tech is the technology division of Walmart, focused on developing and implementing software, data science, and cybersecurity solutions. The company plays a significant role in retail innovation, with a commitment to leveraging technology to improve customer experiences globally.

- Design, build, and maintain high-performance APIs and software services for our 1P and 3P customers.
- Develop robust, maintainable, reusable code for managing functionality, configuration, deployment, monitoring, performance, scalability, availability, security, and alerting for software tests, integration, and production environments.
- Plan and implement a series of steps which potentially includes reconfiguration, integration, removal, or addition of application components to enhance the application's functionality, resiliency, usability, and security.
- Understand the Business/Stakeholder/Technical requirements and assist in analyzing the existing solutions to address the needs. Assist in the creation of simple, modular, extensible functional design for the product/solution in adherence to the requirements.
- Assess gaps/ updates/ modifications between the customer/business expectations and the existing product/solutions.
- Analyze defects from past projects/solutions to avoid the recurrence of similar defects.
- Analyze system performance impacting the complete product for non-functional requirements like reliability, operability, performance efficiency, and security. Troubleshoot performance and availability bottlenecks for the application.
- Develop, maintain, and enhance automated test cases and deployment procedures.
- Follow coding and design best practices developed by the teams and contribute towards their

continuous improvement.

#### **GTS Trading P.L.C | Addis Abeba, Ethiopia | Full Stack Developer | OCT 2019 - DEC 2022**

GTS Ethiopia is an independent, collaborative, and neutral Apparel buying Agency working with buyers and suppliers worldwide to create solutions and processes that enable efficient procurement activities.

- Led the adoption of agile methodologies, such as Kanban, resulting in significantly improved team efficiency and consistently on-time software deliveries.
- Collaborated effectively with cross-functional teams to refine user stories, automated testing processes, and ensured strict adherence to the definition of done, contributing to the delivery of high-quality software solutions.
- Expertly applied advanced Spring concepts to develop cohesive and efficient software solutions including implementing the service layer using Spring IOC and annotations, as well as crafting of Controllers using Spring MVC.
- Successfully maintained and enhanced deployed features within warehouse and distribution management applications. This led to a remarkable 15% increase in system efficiency and heightened customer satisfaction.
- Exceeded service level agreements (SLAs) by providing exceptional production support for warehouse and distribution management applications consistently resolving critical issues and incidents within an average response time of 2 hours.
- Innovatively developed tracking features, including a detailed timeline for precise item delivery times, enhancing operational transparency and customer experience.
- Demonstrated expertise in writing unit tests, utilizing test automation frameworks, and excelling in documentation, code reviews, debugging and troubleshooting.

**Technologies Used: Java, React, Spring Boot, SQL, Google Cloud Platform, Google Storage, Big Query, Git, AWS, Slack, IntelliJ, Jira, docker, Jenkins.**

#### **BeOnline ICT Solutions P.L.C | Addis Abeba, Ethiopia | Software Developer | JAN 2017 - SEP 2019**

Technology company providing software development solutions.

- Developed a product sales tracking web application and created a seamless frontend service interface for efficient communication with backend and B/E services.
- Designed and implemented microservices using Java frameworks particularly Spring Boot. Developed and maintained RESTful APIs for streamlined microservices communication.
- Managed databases and data persistence using Hibernate, JPA, and MongoDB, ensuring data integrity and efficient management.
- Increased user acceptance by 25% through recommendations and the implementation of improvements, resulting in a more user-friendly and effective system.
- Reduced product loss by 10% developing an advanced product sales tracking system, optimizing inventory management, and reducing losses.
- Improved customer satisfaction by an impressive 75% building a robust, user-friendly data-driven system that enhanced the overall user experience and efficiency of operations.
- Collaborated effectively with cross-functional teams, integrated microservices with other systems, and played a key role in troubleshooting and debugging microservices-based applications to ensure optimal performance.

**Technologies Used: Java, RESTful, React.js, Spring Boot, Hibernate, JavaScript, HTML5, CSS3, MySQL, Git, JUnit, Mockito.**

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### **ACADEMIC PROJECTS**

#### **Maharishi International University (2023)**

##### **Attendance Management System:**

- Developed the login, add classes and students, and reporting. Designed and developed the edit attendance feature which can track attendance patterns. Utilized HTML, CSS, JavaScript, React.js, Node.js, MySQL, PostgreSQL

##### **Spring Framework Clone:**

- A smaller version of Spring framework built using Java. Utilized the concepts of annotation, reflection, singleton bean initialization, inversion of control, dependency injection, aspect-oriented programming, event-driven programming, scheduling tasks, design patterns, and principles.

## **EDUCATION**

### **Maharishi International University**

**Fairfield, Iowa | Master of Science in Computer Science | Expected Completion: JAN 2025**

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

### **Addis Ababa Science and Technology University**

**Addis Abeba, Ethiopia | Bachelor of Science in Computer Engineering | 2017**

*Key Courses: Fundamentals of Programming I & II, Fundamentals of Database Systems, Object Oriented Programing, Data Structure and Algorithm Analysis, C++, Advanced Programming*