

WAYNE KIRIMI KIRIINYA

NAIROBI, KENYA ·

Email - kirimiwayne@gmail.com ·

+254796227167 | +254796925223

GitHub – <https://github.com/waynemorphic>

LinkedIn Profile - <https://www.linkedin.com/in/wayne-kirimi-163438146>·

WORK EXPERIENCE

JANUARY 2024 - PRESENT

SOFTWARE ENGINEER, INDIE

- Implemented end-to-end, integration, and unit tests for Spring boot applications using Mockito for test mocking and JUnit for unit test automation. This ensured applications were reliable, functional and initial tests achieved 80%+ test coverage to maintain quality standards.
- Managed PostgreSQL and MySQL relational databases overseeing the creation of database schemas and maintaining backend web application data structures. Developed new entities and relationships to enhance database normalization, ensuring optimal performance and data integrity.
- Orchestrated the containerization of back-end services using Docker and streamlined management with Docker Compose, enhancing application scalability and deployment efficiency.
- Collaborated effectively with remote teams, including developers and project managers, contributing to software development, brainstorming solutions, and deploying code on Google Cloud Platform and AWS.
- Transformed Figma designs into responsive front-end applications using React JS, HTML, CSS, and various React dependencies. Consumed RESTful APIs for seamless and dynamic functionality between systems.
- Created a performant and SEO-friendly personal blog using Astro that achieves up to 150 monthly user event counts. Deployed the blog on Netlify, accessible at (<https://fastguides.netlify.com>).
- Contributed to the enhancement of open-source software such as Shopify, Okendo, and Indurur. These contributions were made through issue creation, code reviews, and bug identification, demonstrating a commitment to community-driven software improvement.

AUGUST 2023 – JANUARY 2024

BACK-END ENGINEER INTERN, I&M BANK

- Worked in agile teams consisting of developers and other cross-functional product stakeholders to design, develop, debug and maintain Spring Boot, Java-based back-end applications and Backbase microservices, ensuring robust functionality, optimal performance, and 95%+ sprint completion rate.
- Executed CRUD operations for efficient data management in MySQL databases, contributing to design and maintenance using Liquibase and Hibernate and implemented a user auditing functionality for a microservice that was pivotal in scheduling downtimes for the bank's digital products.
- Contributed significantly to User Acceptance Testing (UAT) for customer facing, digital banking products, identifying and addressing issues to enhance the user journey.
- Followed a contract-first approach by implementing OpenAPI contracts, thereby fostering clarity and operability between product development teams, and created and maintained comprehensive documentation for code, APIs, and project-related information, facilitating knowledge transfer within the teams.
- Participated in code reviews, ensuring adherence to engineering standards, best coding practices, and version control for improved collaboration.

JUNE 2023 – AUGUST 2023

DATA PROCESSOR, JEPSCO LIMITED

- Collaborated with the IT department to explore digital solutions, contributing to the digitization of manual and paper-intensive tasks, thereby enhancing overall workflow efficiency and data management.
- Innovatively created standard cheque and journal narrations, streamlined financial data gathering, compilation, and organization, aligning with CFO guidelines, resulting in a more efficient and accurate record-keeping process.
- Improved billing and invoice processing, preparing meticulous accounts receivable for CFO approval, thereby facilitating smoother financial operations and worked with the CFO to develop comprehensive monthly financial reports, providing the managing director with data-driven insights for informed decision-making.

SEPTEMBER 2022 – JANUARY 2023

INTEGRATIONS ENGINEER INTERN, SAFARICOM PLC

- Researched, developed, and presented to stakeholders on proof-of-concept micro-services on open-source technologies, catalyzing a transformative shift in the technology division from proprietary software reliance to a dynamic ecosystem of open-source software and tools.
- Implemented the decoupling of a monolithic sim-swapping service within an agile software engineering team using Apache Camel (Java DSL) and layered it with enterprise integration patterns. The externalization of this microservice resulted in increased cohesion with other micro-services and efficient extension of functionalities.
- Played a key role in formulating standard operating procedures for open-source technologies and event-driven services, enhancing a foundation for robust software governance within the integrations team.
- Contributed to the development and maintenance of message-driven microservices, leveraging Java Message Service or ActiveMQ as the message broker and utilizing Apache Camel for seamless integration between services and APIs. requirements.

EDUCATION

JANUARY 2024 - PRESENT

CERTIFICATE – CLOUD COMPUTING (AWS RESTART) AZUBI AFRICA

FEBRUARY 2022 - JULY 2022

CERTIFICATE – SOFTWARE DEVELOPMENT, MORINGA SCHOOL

BACHELOR OF ARTS – ECONOMICS AND MATHEMATICS, UNIVERSITY OF NAIROBI

SKILLS

- Trello, Jira, Confluence
- Figma, JavaScript, HTML5, CSS, React JS
- Java, Kotlin, Spring Boot, Go
- Google Cloud Platform, AWS
- Docker, Docker Compose, Jenkins
- Apache Camel
- ActiveMQ
- MySQL, PostgreSQL
- Git, GitLab, GitHub
- Postman, JUnit4/5, Mockito