

WAYNE KIRIMI KIRIINYA

NAIROBI, KENYA ·

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## PROFESSIONAL SUMMARY

Meticulous and highly organized individual extensively experienced in web development and data processing. Accurate, hands-on, efficient and productive with strong analytical and technical skills.

## WORK EXPERIENCE

JANUARY 2023 –

### SOFTWARE ENGINEER, FREELANCE

- Wrote end-to-end tests, integration, and unit tests for Spring boot applications using JUnit to ensure that the back-end code was of high quality, maintainable and met business expectations.
- Designed user interfaces and prototyped product designs using Figma and ensured that products in the development pipeline were design driven which helped build high quality client facing web apps and ensured products adhered strictly to the user requirements.
- Converted Figma and other UI designs to well-developed front-end applications using React JS, HTML, CSS, and a host of other React dependencies.
- Worked with Node JS and Express JS to create servers that supported front-end applications in the back end.
- Maintained PostgreSQL and MySQL relational databases for backend web applications and developed new entities and relations where necessary.
- Liaised with customers to understand their requirements and created project briefs based on the gathered specifications which helped align the software development lifecycle within the customer's timelines and budget.
- Collaborated with developers remotely to develop customer's custom software, brainstorm on solutions and deploy production ready code within given timelines.
- Developed a personal blog using Astro that is highly performant and SEO friendly and deployed it on Netlify (<https://fastguides.netlify.com>).
- Developed Shopify, custom themes using Liquid and in the process of developing Shopify storefronts with Hydrogen framework.
- Attended various tech events, meet-ups, and talks to learn and network with peers in the software engineering space.
- Contributed to open-source software such as Shopify, Okendo tool and Indurur by creating issues, writing code reviews, highlighting bugs and software versions deprecations.

AUGUST 2023 – DECEMBER 2023

### BACKEND ENGINEER INTERN, I&M BANK

- Collaborated with developers and other cross-functional teams to design, develop, debug and maintain back-end applications using Spring boot and Java.
- Worked with Trello as an administrative, SCRUM tool for tracking the progress of issues, and tasks across the team.
- Executed CRUD operations to store and retrieve data efficiently in MySQL databases, and assisted in designing, modeling, maintaining, versioning and migrating data in MySQL databases using Liquibase and Hibernate.

- Contributed to the development and maintenance of RESTful APIs to facilitate seamless communication between back end and front-end systems and followed TDD methodologies when writing unit and integrations tests for business logic of the APIs
- Implemented OpenAPI contracts in the back end that were used to define and standardize API specifications which helped promote clarity and operability between back end and front-end teams.
- Participated in regular code reviews to ensure adherence to departmental engineering standards, best coding practices and proper version control that improved team collaboration.
- Involved actively in the User Acceptance Testing (UAT) of digital banking products before market release such as On The Go (OTG) mobile app, and cash deposit machines which helped identify bugs and streamline the user journey.
- Created and maintained comprehensive documentation for code, APIs and other project related information to ensure accessibility for future reference.
- Effectively communicated project progress, challenges and solutions to team members, the scrum master, project owners and other stake holders, ensuring the team was well aligned to a sprint goal during various sprints.
- Actively participated in team meetings, standups, Quarterly Business Reviews, and contributed to team discussions to address blockers encountered during the software development process.
- Actively involved by the Lead Software engineer in the refinement of engineering standards of the bank's digital factory.

#### **JUNE 2023 – JULY 2023**

##### **DATA PROCESSOR (CONTRACT), JEPSCO LIMITED**

- Gathered financial data of the company, compiled and arranged it according to the guidelines provided by the Chief Financial Officer.
- Used QuickBooks to enter and update financial data of the company to maintain the company's books of accounts.
- Organized billing and invoice data and prepared accounts receivable for approval by the Chief Financial Officer.
- Collaboratively developed monthly financial reports and records with the Chief Financial Officer and forwarded them to the managing director for decision-making.
- Verified the accuracy of financial data before and after entry into the system by primarily using QuickBooks.
- Created standard cheque and journal narrations to improve efficiency and enhance faster future record referencing.
- Liaised with the IT department on ingenious ways of digitizing manual and paper-intensive tasks and data.

#### **SEPTEMBER 2022 – DECEMBER 2022**

##### **INTEGRATIONS ENGINEER INTERN, SAFARICOM PLC**

- Researched on open-source technologies that enabled a technological evolution of the technology division from reliance on proprietary software to open-source software and tools. This evolution would reduce company expenditure on third party software sourcing by \$1,000,000.
- Decoupled monolithic applications and collaboratively developed and externalized microservices using Spring boot and Apache Camel (Java DSL) that helped increase cohesion, efficiency and scalability of applications.
- Collaborated in the creation of standard operating procedures of open-source technologies and event driven services enabling the development of robust software governance in the integrations department.

- Involved in the quarterly business plans of the integrations department which helped set team goals, OKRs and KPIs that were crucial in setting tasks that were approached using Agile methodologies enabling an increase in developer productivity and collaboration.
- Developed unit and integration tests for spring boot applications that helped developers minimize testing technical debt and ensured that integrated units aligned with product requirements.
- Led standups of the integrations department and was responsible for updating the team's Jira board, which significantly helped me realize my proficiency in project management skills.

## **EDUCATION**

**FEBRUARY 2022 - JULY 2022**

**CERTIFICATE – SOFTWARE DEVELOPMENT, MORINGA SCHOOL**

**SEPTEMBER 2015 - DECEMBER 2020**

**BACHELOR OF ARTS ECONOMICS, UNIVERSITY OF NAIROBI**

## **SKILLS**

- Microsoft Office Suite
- QuickBooks
- Figma
- HTML5, CSS
- React JS v18,
- JavaScript
- Java
- Spring boot
- Apache Camel
- ActiveMQ
- MySQL, PostgreSQL
- GitLab, GitHub
- Postman
- JUnit4/5, Mockito
- Liquid, Hydrogen (Shopify)

## **REFEREES**

Available on request

## **EXTRACURRICULAR ACTIVITIES**

- Treasurer of a youth, community-based organization that helps network young people with leaders and scholars in my constituency.