

KIHORO DENIS MWANGI

Nairobi, Kenya | (254) 721941386 | mwangidennis992@gmail.com |
<https://www.linkedin.com/in/denis-kmwangi>

CAREER SUMMARY

A Software Engineer with over 6 years of professional experience in full-stack development and leading product cycles from conception to completion. Adept at collaborating with diverse teams to develop creative technical solutions for complex software engineering issues.

PROFESSIONAL EXPERIENCE

Zed Payments, Backend Developer

August 2023 – Current

- Developing automated tests to ensure business needs are met.
- Creating and maintaining workflows with teams to provide visibility and to ensure workload balance for consistent visual designs.
- Optimizing web applications for performance and scalability.
- Designing robust APIs to support mobile and desktop clients.
- Scaling the back-end architecture and codebase.
- Building reusable code and libraries for future use.

CodeAfrika, Software Engineer

June 2022 – Jan 2023

- Collaborating with other engineers in API design and development.
- Coordinating with a dynamic software engineering team to develop scalable software solutions
- Collaborating with engineers and interns in an inclusive team-based environment, and identify opportunities for continuous integration and process improvement.
- Creating scalable code for customer business solutions, identifying bugs and product defects, and coordinating with team members to resolve critical technical issues
- Scaling the back-end architecture and codebase.
- Providing peer code review, analyzing and assessing code with an insistence on quality and reliability.

Keypad Systems, Software Engineer

Nov 2021 – May 2022

- Performing detailed analysis of business requirements and developing comprehensive plans defining and scoping project requirements.
- Building and testing ERP and management systems.
- Structuring and developing Rest APIs.
- Upgrading software modules on clients' demand.
- Maintaining and testing functional compliance of company software products

Qilimo Solutions, Software Engineer

Nov 2018 – Jan 2021

- Preparing technical documentation for various internal projects.
- Redesigning and building a user-friendly company website.
- Documenting and writing technical manuals of the systems.

EDUCATION

Bachelor of Science (B.S.) Computer Science

Meru University Of Science And Technology, September 2018 – Nov 2022

KEY SKILLS

- Web design/development with Html, CSS, Javascript, Php, Laravel, CodeIgniter, Springboot, NodeJS, ReactJs, Gin, and Fiber.
- Software development with Java, Golang, Typescript, and Python.
- Database design and management with Postgres, MongoDB & MySql.
- API design and development.
- Sms APIs Intergration.
- Payment Integrations
- Software testing and automation with Jenkins and CI/CD tools
- Cloud deployment and server management (AWS, VPs, and Digital Ocean).
- Version control git & Github.
- Scrum
- Software development life cycle

CERTIFICATIONS

- AWS cloud practitioner - 2021
- Software automation testing - 2021
- DevOps infrastructure automation – 2022

ACHIEVEMENTS

Zed Payments

- Implemented database indexing and query optimization techniques, resulting in a 30% reduction in overall API response time.
- Integrated OAuth2 authentication protocol, enhancing the application's security and ensuring compliance with industry standards.
- Migrated on-premise servers to a cloud-based infrastructure for improved scalability and reliability.

CodeAfrika

- Led the integration of third-party APIs to enhance functionality and features within the application.
- Improved the overall user experience by incorporating real-time data from external sources, boosting user engagement and satisfaction.
- Introduced CI/CD pipelines to automate the build, test, and deployment processes.
- Worked closely with front-end developers and DevOps engineers to design and implement scalable microservices.

