DENNIS MWANGI *Full Stack Software Engineer | Solutions Architect*

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Summary

Dynamic Factory Lead and Solutions Architect with over three years of experience delivering innovative software solutions across diverse projects. Expertise in frontend and backend development, complemented by a strong foundation in cloud technologies and DevOps practices. Proven ability to establish operational frameworks that enhance efficiency and drive project success. Adept at leading technical direction while maintaining strong client relationships, ensuring impactful delivery and exceptional user experiences. Committed to leveraging technical acumen and collaborative spirit to excel in a Fullstack Software Engineer or Solutions Architect role.

Experience

04/2024 – Present
Nairobi, Kenya

Factory Lead | Solutions Architect
Digital Qatalyst
- Accountable for end-to-end delivery governance across the Solutions Factory, bridging product, development, and architecture.
- Established operational frameworks for planning, resourcing, and execution efficiency.
- Currently leading as Solutions Architect / Dev Lead on Khalifa Fund, owning both technical direction and client-facing delivery – including successful execution of critical demos with leadership stakeholders.

10/2024 – 04/2025
Nairobi, Kenya

Software Developer (Freelance)
Kenya Universities Esports Ranking
- Collaborated with a client to develop an esports ranking website for Kenyan universities, integrating features to track, rank, and promote student participation in esports events.
- Involved in both frontend and backend development, optimizing the site for scalability and performance.

01/2023 – 12/2024
Nairobi, Kenya

Frontend Developer
Megatherium
- Led the development of crucial UI components for an internal project, significantly improving user experience and platform performance.
- Designed and implemented robust testing frameworks using Playwright and Vitest for a German client, enhancing software quality and boosting project bonuses.
- Built and optimized AWS S3 file upload and download functionalities, including seamless UI integration for upload resumption, validated through a proof-of-concept (POC) and full implementation.
- Collaborated with cross-functional international teams, ensuring timely delivery of scalable and efficient software solutions.

Date period
Location

Data Entry Associate
Kytabu
- Streamlined the editing and formatting of educational content, making it accessible and engaging for Kenyan students.
- Ensured quality control by verifying the accuracy and relevance of data.

Education

11/2020 – 12/2024

Bachelor of Science in Informatics
Rongo University

04/2022 – 11/2022	**Software Engineering Certificate**
	Moringa School
12/2019 – 04/2020	**Standard Level Software Development Certificate**
	Zalego Institute of Technology and Innovation

Skills and Achievements

Frontend ● ● ● ● ○
React, Typescript, Next.js, HTML/CSS

Backend ● ● ● ● ○
Node.js, Express, PostgreSQL, REST

Testing ● ● ● ○ ○
Playwright, Cypress, Jest

DevOps & Cloud ● ● ● ○ ○
Git, CI/CD, Docker, AWS, Azure

Improved Platform Performance
Enhanced platform performance and user satisfaction by designing and deploying intuitive UI components that streamlined operations

Boosted teams bonuses
Successfully increased project bonuses by 15% through the implementation of a robust automated testing framework for a German client.

Cross-Functional Collaboration
Played a pivotal role in cross-functional collaboration, ensuring on-time delivery of high-quality software solutions for international clients.

Projects

VarsitySoko ⧉
VarsitySoko is a student-focused online marketplace built to enable university students in Kenya to buy, sell, and trade products and services within their campuses. The platform prioritizes security, user experience, and community-driven commerce
- Held a succesfull open day at Moringa School to bring VarsitySoko to the world
- Demo available upon request

Human-Centered Leadership & Culture Consulting LTD ⧉
Developed the digital platform for HLCC Africa, supporting leadership development, culture transformation, and organizational consulting services across Africa.

Kabori BASS platform ⧉
Contributed to the development of Kabori, a Backend-as-a-Service (BaaS) platform for scalable and secure application backends.