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Brian Mokua Oyaro

SOFTWARE ENGINEER

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[Portfolio](#)

[Github](#)

[LinkedIn](#)

About

Agile Software Engineer with 2+ years of experience designing, developing, and deploying scalable software solutions. Possesses strong expertise in Python, JavaScript, React, and a drive for building secure, scalable, innovative, and user-friendly applications.

Professional Experience

Software Engineer

Bluewaves Plumbers

28 August 2025- present

- Designed and implemented a web application using JavaScript and React, which increased the company's reach by 20%.
- Developed and maintained critical features for the company's core product, resulting in a 15% increase in user engagement. .

Software Developer Trainee

Xcelsz

18th March 2025 - 21 May 2025

- Refactored legacy codebase, reducing technical debt by 30% and improving maintainability.
- Diagnosed and resolved critical bugs, leading to a 15% increase in system stability and a smoother user experience.

Software Engineer Intern

Digital Empowerment Network Pakistan

August 2024 - September 2024

- Designed and optimized Node.js APIs in a microservices architecture, cutting API response times by 25%.
- Containerized microservices with Docker and deployed on Kubernetes, achieving faster scaling and simplified deployment workflows.

Skills & Competencies

Programming & Scripting: Python, JavaScript, C, HTML, CSS.

Frameworks & Libraries: Flask, Django, Express.js, React, Tailwind CSS

Databases: MySQL, Redis, MongoDB, SQLite (relational & non-relational).

API Development: REST API design & implementation, microservices architecture

Adaptability and Continuous Learning

Leadership experience with ability to mentor and guide peers

Strong analytical and problem-solving skills with attention to detail

Certifications

Software Engineering

ALX

June 2023 - July 2024

Cybersecurity Analysis

Cybershujaa

January 2024 - May 2024

AI Engineering

PLP Africa

July 2025 - Present

Education

BSc. Mathematics and Computer Science

Kenyatta University

August 2019 - December 2023

KCSE

Katelembo Boys' Secondary School

January 2015 - November 2018
