# Stanley Otieno

Phone number: 0703935205

Email:  stanleyonyango84@gmail.com

Location:  Nairobi, Kenya

GitHub: https://github.com/starkMrSnow

Portfolio website : https://starkmrsnow.github.io/stan-portfolio/home#home

LInkedIn: linkedin.com/in/stanley-otieno-4b312830b

## Profile

I am a software developer with a strong foundation in full-stack development and cloud-native technologies. Over the past few years, I have grown from building simple web applications into designing and deploying complex microservices that run on Kubernetes. I enjoy solving real-world problems by combining back-end engineering with modern front-end frameworks, and I have hands-on experience with monitoring, automation, and real-time systems. My approach is results-driven: I aim to write clean, efficient code while always seeking opportunities to innovate and improve.

## Skills

- **Programming & Scripting:** Java, Python, JavaScript, TypeScript

- **Frameworks & Tools:** Spring Boot, Django, FastAPI, Angular, React

- **Cloud & DevOps:** Docker, Kubernetes, CI/CD (GitHub Actions), Webhooks

- **Monitoring & Observability:** Prometheus, Grafana, Loki, Zipkin

- **Databases:** MySQL, PostgreSQL

- **Other:** Git, WebSockets (real-time apps), REST APIs, Microservices, OpenAI

# Experience

**Software Engineer** – *Giktek Ltd*
*May 2025 – September 2025*

I was offered a role at Giktek after completing my internship, where I worked on projects that involved handling banking integrations and secure account creation(KYC). I contributed to backend services using Spring Boot, Prometheus and  Grafana, ensuring compliance and reliability . I collaborated with cross-functional teams to deliver production-grade solutions under tight deadlines, gaining valuable exposure to real-world financial technology challenges.

**Software Engineer Intern** – *Bennavi Softsolution*
 *May 2024 – Aug 2024*

During my internship, I contributed to the development and maintenance of dynamic web applications using HTML, CSS, and Laravel. I collaborated with the UI/UX team to transform design mockups from Figma into user-friendly features and participated in Agile development sprints. This role gave me practical exposure to teamwork, code reviews, and the software development lifecycle.

**Personal & Open Source Projects**

- **KYC Microservices Platform** – Designed and deployed a set of microservices using Spring Boot, API Gateway, and Eureka for service discovery. Containerized the services with Docker and orchestrated them on Kubernetes. Automated deployments through GitHub Actions.

- **Bank Monitoring and Alert System** – Set up Prometheus and Grafana dashboards, integrated Loki for log aggregation, and used Zipkin for distributed tracing. Built a Spring Boot webhook service that receives alerts from Alertmanager and sends custom email notifications with embedded Grafana images.

- **Chat System (Customer ↔ Admin)** – Implemented a real-time chat app with Spring Boot, WebSocket (STOMP), Angular frontend, and PostgreSQL. Supports dynamic message routing and persistence.

- **Vidrotech Company Website** – Designed and developed the official company website with modern responsive UI and optimized performance, improving the

business's digital presence.

- **Maganji** – Contributed to a budget management web app to track expenses, set financial goals, and manage transactions.

## Education

**Egerton University** – *BSc. Computer Science*
 2022 – Present

## Learning & Development

- Currently advancing skills in **cloud-native architectures** and **DevOps practices** (CI/CD automation, observability, scaling on Kubernetes).

- Exploring **machine learning** applications for financial risk analysis and business intelligence.

- Continuously improving **front-end engineering** with Angular and modern UI/UX practices.