Simon Okello

Experienced Senior Software & DevOps Engineer specializing in Fintech, API development, cloud infrastructure, and automation. Proven track record of enhancing system reliability, streamlining integrations, and driving revenue growth through innovative solutions.

✉ simonokello93@gmail.com 📞 254702440280 📍 Nairobi,Kenya in simonokello

WORK EXPERIENCE

Viewtech Limited (SasaPay)

Senior Software & DevOps Engineer   Dec 2021 - Present

- Designed and maintained the Wallet-as-a-Service (WAAS) API, increasing service adoption by 60%, leading to a 40% revenue increase from API-driven services.
- Developed and optimized C2B, B2C, and B2B payment APIs, enhancing transaction volume by 30%, resulting in an additional Shs 300M annual revenue growth.
- Led API integrations between SasaPay and partner ecosystems, expanding integrations by 25%, which increased customer acquisition by 20%.
- Maintained high code quality and test coverage, reducing system downtime by 30%, saving the company approximately Shs 15M in operational costs annually.
- Enhanced developer experience by improving API documentation and the SasaPay Developer Portal, increasing developer engagement by 40%, leading to a 50% faster onboarding process for partners.
- Spearheaded client onboarding, reducing integration time by 20% and increasing customer retention by 15%, resulting in a 10% boost in recurring revenue.

Sama Kenya

Quality Analyst   May 2021 - Oct 2021

- Assessed and reviewed annotated AI training data, ensuring 98% data accuracy, leading to better AI model performance and improved client satisfaction.
- Provided constructive feedback to enhance agent performance, increasing team efficiency by 25% and reducing error rates by 15%.
- Monitored KPIs such as TPT and throughput, improving operational productivity by 20%, saving the company approximately Shs 7.5M in inefficiencies.

Cloud Factory Kenya

Data Entry Specialist   June 2018 - Mar 2021

- Managed data entry and verification, improving data integrity and operational efficiency, reducing errors by 30% and increasing reporting accuracy.
- Conducted quality checks, minimizing reporting discrepancies by 40%, saving time and operational costs.
- Generated detailed reports and performance insights, streamlining data-driven decision-making and improving project efficiency by 20%.

EDUCATION

Jomo Kenyatta University of Agriculture and Technologies

Bsc In Business Technology.

PROJECTS

SasaPay APIs 🔗
API Documentation showing SasaPay services.

Quickmart Asset Management System 🔗

- Developed a complete asset management system for Quickmart Supermarket and its branches.
- Tech Stack: Python (Django, REST API), React.js, Celery.
- Improved asset tracking efficiency by 50%, reducing loss and saving the company Shs 30M annually.

NexusPay Sacco ↗
- NexusPay is powered by Nexus Payments Sacco
- Tech Stack: Python (Django, REST API), Celery.

HashLix ↗
- Hashlix transforms hashed strings into real mobile numbers with ease.
- Hashlix also validates mobile number carriers

SKILLS

- Languages & Frameworks: Python (Django, FastAPI, Flask), JavaScript (React.js, Node.js, Next.js)
- Fintech & Payments: Mobile Money, USSD, B2B, B2C, C2B API Integrations
- DevOps & CI/CD: Terraform, Ansible, Jenkins, ArgoCD, Docker, Kubernetes, TeamCity, CircleCI, Bamboo, GitOps
- Databases: MySQL, PostgreSQL, Oracle, MongoDB, SQLite, Microsoft SQL Server
- Cloud Platforms: AWS, Google Cloud (GCP), Microsoft Azure, Digital Ocean
- APIs & Integrations: RESTful APIs, GraphQL, SOAP, gRPC, Swagger UI, API Testing
- Testing: Pytest, Jest, Cypress, Karma
- Version Control: Git, GitHub, GitLab, Bitbucket
- Agile Methodologies: Scrum, Jira

CERTIFICATE

DevOps Certificate ↗