

ODUOR SAMUEL

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I am a software engineer with over 5 years of experience specializing in developing highly scalable and available distributed systems. With a passion for solving both simple and complex real-world challenges through technology, I am dedicated to integrating Agile methodologies into software delivery, always keeping the customer at the forefront of each release.

SKILLS

- JAVA (SPRING BOOT)
- NODE JS (EXPRESS JS, HAPPI JS)
- ANGULAR
- SQL (POSTGRESQL, SQL SERVER)
- NoSQL (MONGO DB)
- CASSANDRA
- DOCKER
- AWS
- KAFKA
- RABBITMQ
- REDIS
- ELK (ELASTICSEARCH, LOGSTASH, KIBANA)
- SPLUNK
- GIT
- SFTP
- SMPP
- TIBCO

EXPERIENCE

JUNE 2021– CURRENT

SYSTEM ENGINEER, SAFARICOM PLC

- Developed key features for the Hustler Fund personal loan product, contributing to **17M+ registered customers**, facilitating **48B+ in loan disbursements**, and processing **57M+ transactions** within a year, ensuring **99.99% service availability**, aiding the organization and Kenyan government in meeting their targets.
- Implemented Women Enterprise Fund and Hustler Groups, resulting in **1.5M+ registered groups** and facilitating over **200M in loan disbursements**, ensuring **99.99% service availability** within one year of launch.
- Created the Faraja initiative, providing Safaricom customers with pre-approved, interest-free in-store credit for essential items, resulting in **714K+ active subscribers**, over **106M disbursed** with one merchant, and **99.99% service availability** one-year post-launch.
- Collaborated with SME Credit Squad to develop the Boost La Biashara Query Service, supporting over **5,000 whitelisted TDRs in field marketing efforts** for the Boost Ya Biashara product.

JUNE 2019– JUN 2021

SOFTWARE ENGINEER, TECH FACTORY LIMITED

- Revamped and built Mitkursus, a Danish white-label e-learning platform, leading to **50+ course providers** signing up across Denmark and Poland, with over **100 daily enrollments**.

MAY 2018– AUGUST 2018

SOFTWARE ENGINEER INTERN, AMPATH

- Developed AMPATH Hotspot Monitoring Frontend to optimize network performance by **efficiently monitoring bandwidth usage, data balance, and expiry dates across router hotspots**.
- Contributed significantly to the software development of the AMPATH Patient Feedback Application, facilitating the gathering of valuable patient feedback and calculation of the Net Promoter Score, enhancing healthcare services for **over 24 million Kenyans**.
- Acquired in-depth understanding of Open Medical Record System (OpenMRS).

HONORS AND AWARD

JULY 2023

DIT Q1 HEROES - HUSTLER FUND DELIVERY TEAM, SAFARICOM

Development and **successful presidential launch** of the Hustler Fund product

DEC 2023

SAFARICOM GROUP CEO AWARDS, SAFARICOM

Celebrated for championing mission execution, embodied the Spirit of Safaricom, **delivered initiatives that have positively impacted our Customers, Colleagues, Community and Company**

MARCH 2024

VODACOM HACK-A-LYMPICS, VODACOM

Received a certificate of appreciation for winning Kenya's Innovation Finalist award and representing Kenya in the Africa Innovation Competition as part of the winning team.

EDUCATION

DEC 2019

BACHELOR OF SCIENCE: INFORMATION TECHNOLOGY, MASENO UNIVERSITY

CERTIFICATIONS

- Certificate in IT Essentials (*Cisco Networking Academy*)
- Certificate in CCNA Routing and Switching: Routing and Switching Essentials (*Cisco Networking Academy*)
- Certificate in CCNA Routing and Switching: Scaling Networks (*Cisco Networking Academy*)
- Certificate in CCNA Routing and Switching: Introduction to Networks (*Cisco Networking Academy*)
- Agile Foundation (*LinkedIn*)
- Spring: Framework in Depth (*LinkedIn*)
- AWS Essential Training for Developers (*LinkedIn*)

AREAS OF INTREST

- Machine learning
- Cloud computing
- Project Management