Contact

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Top Skills

UiPath
Robotic Process Automation (RPA)
Spring Framework

Certifications

Creativity at Work: A Short Course
from Seth Godin

Design Thinking: Understanding the
Process (2016)

Fostering a Growth Mindset in the
Age of AI

Communicating in the Language of
Leadership

Agile Foundations

David Odinga

DevOps | Kubernetes | Distributed Computing | Microservices
champion.
Nairobi County, Kenya

Summary

Simply curios, self driven and enthusiastic person. I love working
with a team and on things that challenge me.

Experience

Safaricom PLC
3 years 3 months

DevOps Engineer
August 2024 - Present (2 months)
Nairobi County, Kenya

Maintaining DevOps platforms i.e Gitlab, Jenkins, Tekton. e.t.c
Involved in evolution of devops tooling. This includes keeping tools up to date
and bringing in new tooling.
Created pipeline automation scripts which help improve developer experience.
Automation of multi-cluster deployment which improved service availability.

Integration and Service Development Planning Engineer
January 2022 - August 2024 (2 years 8 months)
Nairobi, Kenya

- Carried out API documentation using swagger

- Created a tibco pipeline using jenkins

- Built, documented, deployed and maintained microservices using, K8,
openshift and aws EKS

- Carried out POCs for flogo and swaggerHub projects

- integration to TIMS(Tax Invoice management System). improved service
success rate from 55% to 99.98% which reduced customer wait time for
invoices. This inturn improved our customer experience. Even though the
system was not initially designed to be central, we managed to centralise the
signing of invoices hence reducing the number of control units acquired by the
organisation.

- Call center demand reduction by digitizing services like subscriber
registration and sim replacement leading to ultimate reduction of call center
costs.

- End to end pipeline automation which lead to:
* Improved deployment time from four hours to ten minutes.
* Increase in pipeline adoption from 20% to 100%.
* Reduced human intevention leading to minimal errors on the pipeline.
* Enabled enforcement of devops standards.
- Enforcement of security on the pipeline which ensured that deployed services had a minimalvulnerability
- Implemented code quality check using sonarqube in the pipeline. This lead to a tremendous improvement on the quality of code shipped to production.
- Flux automation
- Maintanance and onboarding of services to the pipeline which reduced MTTR fromove 30 minutes to 10 minutes
- Implementation and maintanace of shared library
- Implementation of API gateway using 3scale api gateway.
- Implementation, deployment and maintenance of developer templates.
- Writing automation scripts on repetative task which lead to reduced errors during task execution.
- Actively involved in transformation of the integration space. Introduction of new technologies which lead to improved quality of shipped code.

Service & Integration Developer
July 2021 - January 2022 (7 months)
Nairobi, Kenya

- Developed REST and SOAP APIs
- Deployed APIS to OpenShift using CI/CD
- Deployed and maintained applications using kubernetes
- Integration of Services deployed in AWS

Turnkey Africa Ltd
Software Engineer
September 2020 - June 2021 (10 months)
Lavington, Chalbi Drive

- Building REST API for life system
- Technical and non technical API documentation
- Writing automated tests including BDD tests using cucumber
- Delivery of APIs to clients

Andela
Mentor Google Developer Africa Scholarship 2020
May 2020 - January 2021 (9 months)
Online

2020 is just an amazing year ... I am glad to be working as mentor for new Developers in Africa. Thanks to Andela and Pluralsight.

Young Scientists Kenya
Stem Champion
2020 - January 2021 (1 year)

This year has been an amazing year , being able to share with the future generations about science and technology is something I always dreamt of. I loved it and I am going to do it over and over again

Egerton University Computer Science Students Association
Project Manager
May 2019 - December 2020 (1 year 8 months)
Kenya

Two years of great love. I will truly cherish the experience I got when serving these amazing people

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Education

Egerton University
Bachelor of Science Computer Science, Computer Science · (2016 - 2021)

Sawagongo High School
KCSE · (February 2012 - November 2015)