

(+254) 729-163016
Nairobi, Kenya
vincentjayden49@gmail.com

Vincent Otieno

Software Engineer

Portfolio: itsvince.me
github.com/VinneyJ
linkedin.com/in/vincent-otieno1

SKILLS

| | |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Languages | Python, JavaScript, C programming, Ruby, Dart, PHP. |
| Frameworks | Jquery, Django, Flask, Ruby on Rails, NextJS, NodeJS, Flutter, TypeScript, Laravel. |
| Tools | Git, SQL, Unit Testing tools, Jira, Linux. |
| DevOps/Cloud | AWS(CloudFormation, S3, EC2, CloudFront, IAM, RDS, ECS/ECR, Aurora, DynamoDB), Docker, Kubernetes, CI/CD(CircleCI, GitHub Action, Ansible, Terraform, Prometheus), Linux, Nginx. |

TECHNICAL EXPERIENCE

Software Engineer / Music & events Eco-system
Slove AI

May 2023 — Current
Remote

DevOps Engineering

- Implemented automated monitoring and alerting systems to track **SLIs in real-time**. This automation allowed for proactive identification of potential service degradation, enabling the team to address issues before they impacted service levels within the error budget.

Software Engineering

- Utilized Flutter to create an intuitive gig calendar, enhancing user engagement and retention by simplifying the discovery and tracking of upcoming gigs.
- Optimized backend performance by strategically indexing key database tables, resulting in a **70%** reduction in query response times and improved application performance using Node.js.

Software Engineer / Blockchain Platform
Machini Technologies

December 2021 — April 2023
Remote

DevOps Engineering

- Spearheaded the adoption of industry-leading IaC tools such as Cloudformation, enabling the team to define and provision infrastructure in a declarative and version-controlled manner.
- Conducted a thorough analysis of cloud infrastructure costs, implementing cost-saving strategies such as reserved instances and right-sizing of resources. Achieved a **25%** reduction in monthly infrastructure expenses without compromising performance.
- Implemented automated monitoring and alerting using Prometheus and Grafana, reducing response time to critical issues by **90%**.

Software Engineering

- Built a geolocator and alerts feature using GeoDjango and Django-Webpush modules for smart waste bins, reducing waste bin theft and mismanagement by **75%**.
- Automated testing using Selenium and JMeter, making tests run **5x** faster and finding **10x** more bugs, improving overall application quality.
- Built and integrated a fully functional chatroom feature using Websockets and Asynchronous Server Gateway Interface(ASGI) which facilitated more than **20 groups and departments** to communicate effectively within the system.

Back-end Engineer / Internal SaaS CRM
Skylux Tech

October 2021 — November 2022
Nairobi, Kenya

DevOps Engineering

- Introduced and implemented GitFlow branching strategy, improving code versioning and release management. Reduced code conflicts by **30%** and enhanced the stability of production releases.
- Amplified CI/CD release speed by **90%** through GitHub Actions automation, creating new docker images and sending them to AWS ECR, from which ECS spun new containers with the latest changes.

Back-end Engineering

- Increased reporting speed for internal analytics team by **23%** by implementing a RESTful API, which reduced the time it took to generate some reports from **3+ days to 2.3 hours**.
- Reduced customer complaints by **88%** in **2 weeks** by building a new extensive test feature using Coverage and Pytest tools, which found and fixed **589 bugs**.

Technical Pre-sales Engineer Intern / Software Resale*Comztech East Africa***August 2019 — April 2020***Nairobi, Kenya*

- Scoped technical solutions required to address customer requirements, assessed customers' needs, and recommended optimum solutions.
- Acted as a Project Manager for each deal to ensure the final solution is delivered towards the customer's expectation and is based on the initial proposal.
- Developed top-notch sales presentations, demonstrations, and prototypes of our software solutions to articulate use cases and value to the customer.

Front-end Developer(Freelancer) / Real Estate*WestSideReal***April 2019 — July 2019***Nairobi, Kenya*

- Built and offered technical support to a website that aided the resale of land, houses, and rentals.

Front-end Developer(Freelancer) / Cargo Delivery*Shoppers Cargo***September 2018 — February 2019***Nairobi, Kenya*

- Developed and maintained a WordPress website that facilitated marketing and shipment operations of goods.

EDUCATION

DevOps Nanodegree, Udacity

May 2022 — August 2022

Specialization, Software Engineering, Holberton School

January 2021 — March 2022

The ALX Holberton Software Engineering program is a 12-month(70h/week) immersive program that engages technology enthusiasts and budding software engineers to build high quality skills in Full-Stack Software Development.

Computer Science, Riara University

January 2017 — July 2021

Courses: OOP in C++, Compilers, Algorithms, Operating Systems, Data Structures.

CERTIFICATIONS

Cloud DevOps Nanodegree - Udacity

2022 — 2022

Learning Ansible - LinkedIn

2022 — 2022

AWS for Developers: SNS, SQS, and SWF - LinkedIn

2022 — 2022