NICK LANGA'T

SENIOR SOFTWARE ENGINEER

Nairobi, Kenya

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GitHub   LinkedIn

SUMMARY

Senior Software Engineer with 8+ years of experience designing, building, and scaling high-performance backend systems. Specialized in Python, Django, FastAPI, Golang and PostgreSQL with strong DevOps exposure (AWS, Docker, CI/CD). Proven track record of improving system performance, reliability, and developer productivity in production environments. Experienced in API design, system architecture, analytics, and AI-enabled features.

EDUCATION

Bachelor of Science in Computer Science
Moi University, Eldoret
Sep 2012 – Sep 2016 | GPA: 2nd Class Upper

SKILLS

Python, Django, FastAPI, Flask, Golang, REST APIs, PostgreSQL, MySQL, AWS, Docker, CI/CD, NGINX, Celery, Redis, Git, System Design, API Architecture, Performance Optimization, Scalability, Cloud Infrastructure, Microservices, Async Processing

EXPERIENCE

Senior Software Engineer
Privatize Group GmbH

Remote, Germany
Oct 2024 – Present

- Designed and implemented scalable RESTful APIs using Django and Python to support client and investment management workflows.
- Integrated Mixpanel analytics across backend and frontend systems, enabling data-driven product decisions and detailed user behavior tracking.
- Built internationalization and translation APIs with full test coverage, supporting multi-language product expansion.
- Improved compliance and account verification workflows, reducing onboarding and verification time by 30%.
- Developed BI dashboards and reporting features to deliver actionable insights to business stakeholders.
- Implemented automated PDF document generation for order confirmations and compliance documentation.

Senior Software Engineer
ElevateHR

Remote, Netherlands
Sep 2023 – Mar 2025

- Designed and deployed high-performance backend services using Django and PostgreSQL, reducing API response times by 40%.
- Optimized complex Django ORM queries, cutting response latency by 30%+.
- Containerized services using Docker, improving deployment consistency and reducing infrastructure costs by 15%.
- Implemented CI/CD pipelines with CircleCI, reducing deployment time by 50% and improving release reliability.
- Configured NGINX as a load balancer, increasing system uptime by 25%.
- Led backend architecture decisions and mentored junior engineers through code reviews and best practices.

Full Stack Software Engineer
REVEALL

Remote, Netherlands
Mar 2022 – Dec 2023

- Designed and maintained scalable backend APIs using Django and Django REST Framework serving thousands of active users.

- Refactored inefficient database queries, reducing API response times by 80% (10s → 2s).
- Implemented automated testing and CI/CD pipelines, enabling faster and safer production deployments.
- Led technical discussions, performed code reviews, and collaborated closely with product and design teams.
- Participated in hiring by interviewing and evaluating engineering candidates.

Senior Software Engineer   Remote, Kenya
Busara Center for Behavioural Economics   May 2020 – Feb 2022

- Architected and deployed scalable backend systems using Django and PostgreSQL for large-scale behavioral research platforms.
- Optimized APIs and database queries, reducing response times by 30%.
- Containerized services with Docker and automated deployments using CI/CD pipelines.
- Configured NGINX for load balancing, improving platform availability by 25%.
- Integrated third-party analytics tools to support large-scale data analysis.
- Mentored junior engineers and improved internal engineering standards.

PROJECTS

Codetail

AI-powered platform for generating coding questions with AI-driven solutions and real-time feedback.

Tech: Django, PostgreSQL, Celery, Next.js, Tailwind, AWS

https://codetail.co

Invoisce

Invoicing platform with bulk invoicing, email automation, and shareable invoice links.

Tech: Django, PostgreSQL, Celery, Next.js, AWS

https://invoisce.co

Meridian

Uptime monitoring and error logging platform for cloud-based APIs.

Tech: Django, DRF, PostgreSQL, Vue.js, AWS

https://www.meridian.cc