

# Nick Langa't

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Software Product Engineer & Solutions Architect with 8+ years of experience architecting and scaling high-performance backend systems using Python, Django, FastAPI and cloud technologies. Proven track record of improving API performance by up to 80%, reducing infrastructure costs by 15%, and mentoring engineering teams with 100% retention rates across remote-first organizations.

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## EXPERIENCE

### Senior Software Engineer

Oct 2025 – Present

Privatize Group GmbH | Remote, Germany

- Architected scalable RESTful APIs using Django and Python to streamline client and investment management workflows
- Integrated Mixpanel analytics across backend and frontend systems, enabling data-driven product decisions through comprehensive user behavior tracking
- Delivered internationalization and translation APIs with 95% test coverage, facilitating expansion to 5 new markets and driving 25% user base growth
- Enhanced compliance and account verification workflows, accelerating onboarding and verification processes by 30%
- Built comprehensive BI dashboards using Django and Chart.js, delivering real-time analytics to 20+ business stakeholders and reducing manual reporting time by 60%
- Automated PDF document generation system for order confirmations and compliance documentation, streamlining regulatory processes and reducing manual document preparation time

### Senior Software Engineer

Dec 2023 – Sep 2025

ElevateHR | Remote, Netherlands

- Designed and deployed high-performance backend services using Django and PostgreSQL, achieving 40% reduction in API response times
- Refactored complex database operations and query patterns, delivering 30%+ reduction in response latency
- Containerized services using Docker, improving deployment consistency and reducing infrastructure costs by 15%
- Implemented CI/CD pipelines with CircleCI, accelerating deployment cycles by 50% and enhancing release reliability
- Configured NGINX load balancing infrastructure, increasing system uptime by 25%
- Led backend architecture decisions and mentored junior engineers through structured code reviews and best practices training

### Full Stack Software Engineer

Mar 2021 – Dec 2023

REVEALL | Remote, Netherlands

- Designed and maintained scalable backend APIs using Django and Django REST Framework, serving thousands of active users
- Refactored inefficient database queries, dramatically improving API response times by 80% (from 10s to 2s)
- Implemented automated testing frameworks and CI/CD pipelines, enabling faster and safer production deployments
- Led technical architecture discussions and performed comprehensive code reviews in collaboration with product and design teams
- Participated in technical hiring process by conducting interviews and evaluating engineering candidates

### Senior Software Engineer

May 2019 – Feb 2021

Busara Center for Behavioural Economics | Remote, Kenya

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

## SKILLS

**Programming Languages:** Python, Golang

**Backend Frameworks:**

Django, Django REST Framework, FastAPI, Flask

**Databases:**

PostgreSQL, Redis, MySQL, MongoDB

**Cloud & DevOps:** AWS, Docker, CI/CD, NGINX

**Tools & Technologies:** Git, Celery, Mixpanel, Chart.js

**Architecture & Design:**

REST APIs, Microservices, System Design, API Architecture, Performance Optimization, Scalability, Async Processing

## EDUCATION

**Bachelor of Science in Computer Science**

2012 - 2016

Moi University, Eldoret

2nd Class Upper

## PROJECTS

**Watchdock** — Django, PostgreSQL, Celery, Redis, OpenAI, Next.js, Tailwind, AWS, Docker

Monitoring and observability tool that tracks servers, applications, logs, and websites in real time

<https://watchdock.cc>

**Clarity** — Golang, PostgreSQL, Git, Next.js, Tailwind, OpenAI, AWS, Docker

AI-powered project management platform for teams with tasks, sprints, standups, docs and real-time chat

<https://useclarity.cc>

**Codetail** — FastAPI, MongoDB, Next.js, Tailwind, Docker, Github, AWS

Premium coding practice platform with hands-on challenges across Python, Django, FastAPI, and SQL

<https://codetail.cc>

**daraja-sdk** — Python, Django, FastAPI, Poetry

Typed, async-first Python SDK for M-Pesa (Safaricom Daraja API). STK push, Django signals, FastAPI router included out of the box.

<https://pypi.org/project/daraja-sdk/>

**kenyan-counties** — Python, Django, FastAPI, Poetry

Lightweight Python package for Kenya's 47 counties, constituencies, and wards. Zero runtime I/O, Pydantic models, FastAPI routes, and Django ORM support.

<https://pypi.org/project/kenyan-counties/>

**watchdock-errors** — Python, Django, FastAPI, Poetry

Error tracking SDK for the Watchdock platform. Framework integrations for Django and FastAPI, built-in PII scrubbing, and customizable event filtering.

<https://pypi.org/project/watchdock-errors/>

**Zanari** — Django, PostgreSQL, Celery, Redis, OpenAI, Next.js, Tailwind, AWS, Docker

Modern, visually stunning property and tenant management with M-Pesa rent collection and digital leases

<https://zanari.cc>