

NICK LANGAT

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EXPERIENCE

ElevateHR

Senior Software Engineer

Remote, Kenya

September 2023 - October 2024

- Designed and deployed high-performance RESTful APIs using Django and PostgreSQL, ensuring smooth data flow and reducing response times by 40%, improving overall system efficiency.
- Optimized complex database queries and Django ORM operations, cutting API response latency by over 30%, leading to a faster and more responsive user experience.
- Containerized backend services using Docker, reducing infrastructure costs by 15% and improving deployment consistency across environments.
- Implemented CI/CD pipelines with CircleCI, automating testing and deployment, which reduced deployment time by 50% and minimized production issues.
- Configured NGINX as a load balancer, enhancing platform scalability and increasing uptime by 25%, ensuring a seamless experience for thousands of users.
- Led backend architecture decisions to support growing feature demands, collaborating closely with frontend teams to improve API usability and data consistency.
- Mentored junior engineers, conducted code reviews, and helped improve team best practices, fostering a high-quality engineering culture.

REVEALL

Full Stack Software Engineer

Remote, Netherlands

Mar 2022 - Dec 2023

- Designed, built, and documented scalable backend APIs using Django and DRF, supporting a growing product with thousands of active users.
- Refactored complex Django ORM queries, reducing API response latency by over 80% (from 10s to 2s), significantly improving system performance and user experience.
- Implemented automated testing and CI/CD pipelines via CircleCI, cutting deployment time by 20%, allowing for faster feature releases and fewer production issues.
- Led technical discussions and code reviews, ensuring high-quality code and fostering a collaborative engineering culture.
- Collaborated cross-functionally with product teams and designers, translating business requirements into scalable technical solutions.
- Actively contributed to hiring by interviewing engineers, assessing their technical skills, and ensuring the team attracted top-tier talent.

BUSARA CENTER FOR BEHAVIOURAL ECONOMICS

Senior Software Engineer

Remote, Kenya

May 2020 - Feb 2022

- Optimized API performance and database queries, reducing response times by 30%, enabling faster data retrieval for large-scale behavioral research studies.
- Architected and deployed scalable backend systems using Django and PostgreSQL, supporting the analysis of millions of data points from surveys and experiments.
- Containerized backend services with Docker, streamlining deployments across multiple environments and reducing infrastructure costs by 15%.
- Automated testing and deployments with CircleCI, reducing deployment time by 50% and ensuring consistent software quality.
- Configured NGINX as a load balancer, increasing platform availability by 25%, enabling uninterrupted data collection and research operations.
- Led API integrations with third-party analytics tools, allowing researchers to extract insights more efficiently.
- Mentored junior engineers and improved internal best practices, enhancing team productivity and code maintainability.

SKILLS

BACKEND: Python, Django, Flask, FastAPI, Golang
FRONTEND: JavaScript, TypeScript, React Js, Next Js, Vue Js, Tailwind CSS
DEVOPS: AWS, Digital Ocean, Docker, Git
DATABASES: Postgres, MySQL
AI/ML: Scikit-learn, Pandas, Numpy, OpenAI API, LangChain
MOBILE: React Native, Flutter

PROJECTS

Codetail *Django, Postgres, Celery, Next Js, Tailwind, AWS* <https://codetail.co>
An AI-powered platform that generates coding questions, provides AI-driven solutions, and offers real-time feedback for engineers.

Invoisce *Django, Postgres, Celery, Next Js, Tailwind, AWS* <https://invoisce.co>
A Next.js & Django invoicing tool with features like bulk invoicing, email automation, and shareable invoice links.

Meridian *Django, DRF, PostgreSQL, Vue, Tailwind, AWS* www.meridian.cc
An uptime monitoring, error logging and reporting web app to enhance observability of cloud web apis.