

# VINCENT KIOKO

**Software Engineer | Backend Development | API Design | Cloud Architect | Python Expert**

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## WORK EXPERIENCE

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### Software Engineer

*Ardhisasa – Nairobi, Kenya | September 2022 – Present*

- Designed and implemented scalable, secure RESTful APIs and backend services using Python, Django, and PostgreSQL.
- Delivered 5+ production-ready backend modules, including land transfer, property valuation, and automated stamp duty assessment systems.
- Spearheaded modularization of backend architecture, improving maintainability and reducing feature onboarding time by 30%.
- Developed and deployed a custom workflow engine to manage distributed transactions, improving system reliability, modularity, and audit traceability.
- Collaborated with DevOps to containerize services using Docker and manage deployments with Kubernetes in cloud environments.

### Software Engineering Trainer

*Code Yetu – Nairobi, Kenya | November 2023 – Present*

- Designed and delivered structured curricula for 3 web development and programming courses tailored to students under the age of 17.
- Taught 50+ young learners foundational programming concepts, including HTML, CSS, JavaScript, and Python, using hands-on project-based methods.
- Spearheaded the migration to a virtual learning model using online IDEs and automated testing platforms, increasing engagement and accessibility for remote students.
- Promoted STEM and coding awareness through mentorship and interactive workshops, contributing to the organization's mission of early tech education.

## EDUCATION

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### Bachelor of Science in Civil Engineering

Jomo Kenyatta University of Agriculture and Technology  
2013 - 2018 | Nairobi, Kenya

## PROFESSIONAL SUMMARY

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Results-driven Back-End Developer with 4+ years of experience designing and optimizing scalable, secure, and high-performance server-side systems. Proficient in Python, Node.js, and SQL/NoSQL databases, with proven experience in RESTful API design, workflow engines, and cloud infrastructure (AWS, GCP). Passionate about building resilient back-end services aligned with business goals. Looking to contribute to innovative remote teams across the EMEA region.

## TECHNICAL SKILLS

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API Design | Django | Django Rest Framework | Docker | Kubernetes | Github | Gitlab | Javascript | Python | Go | Prometheus | React | Node.js | PostgreSQL

## PROJECTS

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*Code Yetu Online Learning Platform | [Link](#)*

- Built the backend and DevOps for a Django-based e-learning system with role-based dashboards for administrators, tutors, and students.

## SOFT SKILLS

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Product management | Conflict Resolution | Teamwork and Collaboration | Adaptability | Problem-solving | Leadership | Resilience

## CERTIFICATION

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[Google Certified Professional Cloud Architect](#)  
Google