

KIPTOO CALEB

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[LinkedIn](#) • [GitHub](#) • [Portfolio](#)

PROFESSIONAL SUMMARY

Highly motivated Software Developer with a specialization in Python backend development (Django REST APIs, Flask, FastAPI) and a strong command of modern frontend technologies including React, Node.js, HTML, CSS, and Bootstrap. Possessing a solid foundation in cloud automation (AWS, GCP) and API development, with proven ability to lead full-stack projects, translate complex technical concepts, and manage stakeholder expectations. Eager to leverage comprehensive development and project experience, including a significant full-stack volunteer role, to excel as a Software Development Trainer at the Institute of Software Technologies (IST) and mentor aspiring developers in practical, industry-relevant skills.

EDUCATION

Bachelor of Education in Science (Mathematics, Physics)

Kenyatta University | 2026

Software Engineering in Backend Specialization

ALX | 2024

SKILLS

Python, Django, FastAPI, Flask, JavaScript, React, Node.js, HTML, CSS, Bootstrap, PostgreSQL, MySQL, Redis, Docker, AWS, GCP, Git, CI/CD, REST APIs, Linux, Communication, Adaptability, Collaboration, Problem-Solving, Mentorship, Self-Motivation, Decision Making, Stakeholder Management, Curriculum Development

CERTIFICATIONS

ALX AI Foundations

ALX | 2025

Verify Credential: <https://drive.google.com/file/d/1aQG6zNF9puplzf9pLub8Lvqnaf4Z2u/view?usp=sharing>

ALX Software Engineering

ALX | 2024

Verify Credential: https://drive.google.com/file/d/139JodiS_hGGq6vKCtap0-gpuiG3BBPHc/view?usp=drive_link

H4K-IT Cybersecurity Fundamentals

H4K-IT | N/A

Verify Credential: https://drive.google.com/file/d/1fjt8GnQU20-tuLaqs1Aulacp_Bz02kJG/view?usp=sharing

GCF Mentor-Intern Programme

GCF Foundation | N/A

Verify Credential: <https://verify.globalcitizenshipfoundation.org/en/verify/77161636844563>

PROJECTS

Volunteer Project (Messianic Assembly of Yahweh)

Led the full-stack development and deployment of a responsive website, implementing Django REST APIs (Python/Flask) for the backend and modern frontend principles (HTML/CSS, JavaScript, Bootstrap) to streamline church management and outreach. Configured and maintained cloud servers (AWS S3), demonstrating practical cloud operations and implementing security best practices.

Project Link: <https://github.com/kiptooobarchok/MAY-kbrk>

Tech: Flask, Bootstrap, MySQL, Django REST APIs, HTML/CSS, JavaScript, AWS S3, Git/GitHub

Digital Publications & Leadership Intern (Transform.Ed)

Contributed to successful email campaigns and newsletters, impacting audience growth and engagement. Refined content strategy, collaborated with cross-functional teams, and authored Standard Operating Procedures (SOPs) to scale initiatives and maintain efficient operations, showcasing strong communication and project management skills.

Project Link: <https://transformed.substack.com/>

Tech: Virtual collaboration, Teamwork, Project Management, Project Implementation, Problem Solving, Leadership Development, Content Strategy

REFEREES

Ridhima Mahajan

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