

## KIPTOO CALEB

## JUNIOR SOFTWARE DEVELOPER

WhatsApp: <https://wa.me/+254702171495>

GitHub: <https://github.com/kiptooarchok>

Portfolio: <https://kiptooarchok.netlify.app>

LinkedIn: <https://www.linkedin.com/in/kiptoo-caleb-aa1865204/>

Email: [calebkiptoo9090@gmail.com](mailto:calebkiptoo9090@gmail.com)

### Profile Summary

Motivated and dynamic Full Stack Developer with practical experience in designing and creating creative solutions, as well as a solid background in software engineering . Proficient in Python, JavaScript, and modern frameworks like React, with a proven ability to build scalable applications and databases.

Demonstrated leadership as a volunteer Software Developer Lead, collaborating effectively across teams to deliver high-quality projects.

Skilled in mentoring and training, with experience as a student teacher and trainer intern, fostering engaging learning environments and guiding learners toward practical solutions. Adept at managing end-to-end software development life cycles, with a portfolio that includes impactful technical projects such as AirBnB\_clone and a ride-sharing MVP for rural areas.

### Relevant Course Work

- Data manipulation
- Database management
- Object Oriented Principles
- Database Design
- Database Integration
- Restful API design
- Fundamental programming (python as primary language)
- Basic programming Concepts
- Algorithms and Data Structures
- Back end Development
- Responsive Web Design
- Configuration Management
- DevOps
- Network Basics

### Experience

**Cheptenye High School** - **Student Teacher attache** | **May – August , 2022**

- Tutor mathematics and physics
- Time management
- Collaboration with other departments

**Dukatech** - **Software Engineer attache** | **June – August , 2024**

- Designed and developed software solutions tailored to business-oriented entrepreneurs, enhancing operational efficiency.
- Created relational databases for back end management, optimizing data storage and retrieval processes.
- Worked closely with cross-functional teams, including front end developers, marketing specialists, and management, to ensure project success.

**DekHUT** - **Online Hackathon** | **July , 2024**

- Design & develop software solutions for business oriented entrepreneurs
- Design Databases for back end management
- Collaborate with teams (front end, marketing and management)

**Messianic Assembly of Yahweh** - **Volunteer Software Lead** | **November, 2024 - Present**

- Developed and deployed a responsive website to streamline management activities.
- Regularly maintain and update the website, ensuring optimal performance and user experience.
- Configured web servers and ensured secure, efficient deployment practices.
- Collaborate with leadership to gather requirements and align technical solutions with organizational goals.

### Technical Projects

**Cloud-Based Server Management Automation** | **Personal Project** | **December , 2024**

- Configured secure SSH access to cloud-based AWS servers, automating management tasks using Bash scripting.
- Documented the entire process, creating training materials that include practical scenarios, exercises, and troubleshooting steps.

**Post App (GitHub source code)** | **Personal Project** | **December , 2024**

- Built a lightweight, dynamic blogging platform allowing users to post, edit, and comment on articles.
- Utilized Python and Flask for back end development, focusing on secure user authentication and CRUD operations.
- Designed a clean, intuitive user interface for seamless navigation and interaction.

**MAY-KBRK (GitHub source code)** | *Community Project* | *November, 2024*

- Created a responsive web application for community resource management and communication.
- Leveraged Flask for back end logic and integration with SQLite for data persistence.
- Designed interactive user interfaces using HTML, CSS, and Bootstrap for improved user experience.

**AirBnB Clone (GitHub source code)** | *Collaborative Project* | *December, 2023*

- Developed a full-stack web application emulating core functionalities of the AirBnB platform.
- Designed and implemented a relational database to manage user data, bookings, and listings.
- Applied Python for back end development and ensured modular, scalable code.

## **Skills**

---

*Front end:*

- HTML, CSS, JavaScript, Bootstrap, React

*Back end:*

- Python, SQLite, MySQL, PostgreSQL, Flask

*Tools:*

- Git, SSH, Bash Scripting, Web Server Configuration

*Soft Skills:*

- Mentorship, Training, Time Management, Collaboration

## **Education:**

---

**ALX – Africa (Holberton School)** - Online Boot camp | *November, 2022 – January, 2025*

*Coursework:*

- Software Development, Data Structures & Algorithms, Database Management Systems, Networking.

*Projects:*

- Developed an AirBnb Website clone and a Simple shell Command line tool

**Kenyatta University** | *Bachelor of Science (Mathematics & Physics)* | *September, 2020 – 2025*  
*Nairobi, Kenya*

**Kabarnet High School** | *Kenya Certificate of Secondary Education* | *2016 – November, 2019*  
*Baringo, Kenya*

## **Refferees:**

---

1. Micah Nyongesa		Dukatech		HR
+254740189463				

[micadevelops@gmail.com](mailto:micadevelops@gmail.com)

Kenyatta University, Nairobi - Kenya

2. Pastor Eliud Chepkwony		Messianic Assembly of Yahweh		Resident Pastor
+254 721 544385				

[info@mayministries.org](mailto:info@mayministries.org)

May – Kaborok, Kericho - Kenya