KIPTOO CALEB | *JUNIOR SOFTWARE DEVELOPER*

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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:

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