

Cornelius Ngure

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<https://github.com/CorneliusNgure>

Summary

- Full-stack software engineer with a strong foundation in MERN stack, Python, and Flask, integrating technical proficiency with business acumen (BSc Entrepreneurship).
- Strategic problem solver passionate about building scalable, user-centric applications that align with business objectives to create a tangible impact.
- Continuous learner currently expanding into DevOps and AI-driven solutions to design high-performance, innovative products.

Education

Moi University, Sep 2014

Bachelor of Science in Entrepreneurship

ALX Africa - Software Engineer

Languages: C, Python, JavaScript,

Technologies: React.js, Node.js, Express.js, Python, Flask, MySQL, Postgresql, MongoDB, Bash, Git, Docker.

Professional Experience

Full-Stack Software Engineer

Self-employed | Nairobi, Kenya (Remote) | Aug 2022 – December 2022

- Engineered and deployed SoundScript, an AI-powered transcription tool, using

Python, Flask, and AI models to convert audio to text efficiently. Improved transcription accuracy and reduced manual transcription time by over 70%, enhancing productivity for content creators and businesses.

- Implemented CI/CD pipelines using GitHub Actions, containerised apps with Docker, and deployed scalable applications on Render.

Reduced deployment times by 50% and improved reliability of releases.

- SoundScript Link: <https://soundscript-zxru.onrender.com>
- Github Profile: <https://github.com/CorneliusNgure/SoundScript>

Projects

SoundScript

Aug 2024 – December 2025 | Associated with ALX Africa

- Built an AI-powered web app to transform audio into text with high accuracy using Python, Flask, and the AssemblyAI API, supporting multiple formats and an intuitive UX.

QuizWiz

Jan 2025 – March 2025 | Associated with ALX Africa

- Designed and developed an interactive quiz platform fetching questions from external APIs, featuring user authentication, history tracking, and detailed feedback to enhance learning.

Certifications

Responsive Web Design Certification, freeCodeCamp

https://www.freecodecamp.org/certification/Cornelius_Ngure/responsive-web-design