

Resume– willin broad kiplimo C025-01-0880/2022

Personal Information

Name: willin broad kiplimo

Email: broadwillin@gmail.com

Location: Nairobi, Kenya (Willing to Relocate / Remote)

Github: <https://www.github.com/willin-broad>

Professional Summary

Proactive and adaptable Software Engineer with strong academic grounding and real- world project experience in backend development, cloud infrastructure, and AI/ML systems. Proficient in Python, Rust, and popular web frameworks like Django and Flask. Experienced in building REST APIs, integrating databases, and deploying machine learning models. Familiar with containerization (Docker), version control, and cloud deployment on AWS. Seeking internship or junior software engineering opportunities to contribute to impactful tech solutions and grow professionally.

Skills Overview

Languages:

Python, Rust, SQL, HTML5, CSS3, JavaScript, Bash, react

Web & Backend Frameworks:

Django, Django REST Framework, Flask, FastAPI, Firebase, RESTful APIs, Tailwind CSS, React

Databases & Messaging:

PostgreSQL, MySQL, Redis, Firebase Realtime DB, RabbitMQ, EmailJS

AI/ML & Data Tools:

TensorFlow, PyTorch, google colab, Hugging Face Transformers, NLTK, Pandas, NumPy

DevOps & Infrastructure:

Docker, Git, GitHub Actions, CI/CD, ngrok, Kubernetes (basic), AWS , Linux

Tools & Testing:

Postman, Selenium, VS Code, Jupyter Notebook

Authentication:

JWT, OAuth2

Work Experience

IT Intern – software development department

County office, Eldoret, Kenya

January – March 2025

- Built RESTful APIs using Django and Flask.
- Deployed ML models using TensorFlow and PyTorch.
- Used Redis and RabbitMQ for asynchronous job management.
- Set up infrastructure using Docker and AWS EC2.
- Integrated Firebase for cloud-based authentication.

Projects

1. Intelligent Inventory System

- Forecasted inventory with TensorFlow and ARIMA models.
- Flask and Firebase backend; Dockerized for deployment.
- Integrated chatbot for cashier and customer assistance.

2. NLP Chatbot for Education

- Developed with Hugging Face Transformers and Flask.
- Used Redis and RabbitMQ for handling async conversations.

3. Personal Portfolio Website

- Tailwind CSS + React UI, hosted on Firebase with GitHub Actions CI/CD.

4. CLI To-Do App

- Built with Rust and Cargo, supports session management and CSV export.

5. Travel Management System

- Django, MySQL, and Tailwind CSS with M-Pesa (Daraja API) integration.
- Enables route-based vehicle booking and mobile payment processing.

Education

BSc in Computer Science

Dedan Kimathi University, nyeri

2022 – 2026 (Expected)

Certifications

- AWS Certified Cloud Practitioner

- Linux Essentials
- IBM SkillsBuild AI Certificate
- Web Development (Independent Coursework)

Languages

- English
- Kiswahili