



ERIC NJOGU

Software Developer

CONTACT

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PROFILE

Full-Stack Developer with experience in Python, Django, and React. Skilled in building and deploying web applications and exploring AI and machine learning. Proficient in SQL, Git, and modern development workflows. Eager to learn and contribute to enterprise software solutions.

SKILLS

- Python (Pandas, NumPy, Matplotlib, Django,)
- SQL & Data Modeling
- Git, VS Code
- Javascript
- HTML5, CSS, Tailwind
- AI/ML: RAG, LLMs, Jupyter

EDUCATION

- B.Sc. in Computer Science** August 2022 – Present
Meru University of Science and Technology

Meru

- Focus on software development and problem-solving
- Relevant projects: Web applications (Django, React), AI/ML tools (RAG chatbot)

PROJECTS

- Recipe RAG Chatbot** January 2026 – Present

Personal Project • [2026]

- Built an AI-powered recipe chatbot using RAG and LLMs to answer cooking-related questions.
- Implemented semantic search and integrated with a language model API.
- Tech: Python, Django, RAG, LLMs.

- Habit Tracker** March 2025 – June 2025

Personal Project • [2025]

- Built a Django web app with user authentication and CRUD operations.
- Added analytics for habit tracking and progress visualization.
- Tech: Python, Django, HTML, SQL.

- Tomato Disease Diagnosis and Advisory System** August 2025 – Present

Personal Project • [2025]

- Trained a CNN with TensorFlow on tomato disease image datasets for accurate diagnosis.
- Integrated the saved model into a Django web app with a user-facing frontend and prediction API.
- Implemented an interactive chatbot for follow-up advisory and recommendations.
- Enabled USSD integration to reach farmers on basic mobile phones.
- Tech: Python, TensorFlow, Django, USSD

REFERENCES

Dr. Amos Chege / Meru University

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