

Dan Okoth

IT Student at JKUAT | Python & Full-Stack Developer | Open to Internships

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SUMMARY

IT student at JKUAT building full-stack web applications with Python, Flask, React, and MongoDB. Background spans both software development and networking, providing a solid foundation in how applications work end-to-end. Focused on writing clean, functional code and turning ideas into working systems. Open to internships, collaborations, and opportunities to contribute and grow.

EXPERIENCE

Student Software Developer

Jan 2025 – Present

Jomo Kenyatta University of Agriculture and Technology · Juja

- Built FamHealth, a full-stack web application using Python, Flask, React.js, and MongoDB.
- Implemented user authentication (login/signup) and database management.
- Designed responsive UI layouts using HTML, CSS, Tailwind CSS, and Bootstrap.
- Integrated Express.js for backend API handling.
- Continuously expanding into full-stack development and software architecture.

EDUCATION

Bachelor of Information Technology

Sep 2025 – Sep 2029

Jomo Kenyatta University of Agriculture and Technology (JKUAT) · Juja, Kenya

Specialization: Computer Systems Networking and Telecommunications

SKILLS

Languages & Frameworks	Python, Flask, React.js, JavaScript, HTML, CSS
Databases & Tools	MongoDB, PostgreSQL, Redis
Frontend	Tailwind CSS, Bootstrap, Responsive Design
Other	REST APIs, Express.js, Audio Visual (AV) Systems, Tkinter, Chatbot Design

CERTIFICATIONS & ASSESSMENTS

Coding: Entry-Level Algorithms	85th percentile
Problem Solving	79th percentile
Communication	70th percentile
Creating REST APIs	53rd percentile