

Jeremiah Ogingo

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github.com/Jeremiahogingo

Objective

Third-year Software Engineering student at Kisii University seeking a May 2026 industrial attachment in backend or full-stack development. Skilled in Python, Java, JavaScript, and modern frameworks, with hands-on experience building secure, AI-integrated systems. Eager to contribute to team projects and grow under professional mentorship.

Education

B.Sc. Software Engineering | Kisii University (Expected 2026)

Relevant Coursework: Data Structures & Algorithms, Advanced Database Systems, Computer Security.

Technical Skills

Languages: Python, Java, JavaScript, Go

Backend & Frameworks: Django, Spring Boot, Node.js

Frontend: React, HTML5, CSS3

Databases: MySQL, PostgreSQL, MongoDB

Tools & DevOps: Docker, Git/GitHub, Linux, VS Code, JWT Authentication

Projects

GuardianAI – Threat Detection System (Python, Machine Learning, CLI)

- Engineered a Python-based scanning engine using ML libraries to detect malware and malicious patterns.
- Built real-time scanning logic with CLI/GUI for user-initiated scans and quarantine log visibility.

AI Disaster Response Platform (Python, MongoDB, PyQt5)

- Developed backend logic to connect disaster victims with emergency resources using Python and MongoDB.
- Secured user sessions with JWT authentication and built a PyQt5 dashboard with interactive maps for real-time incident tracking.

Library Management System (Java, MySQL, OOP)

- Created a desktop app for inventory tracking and check-in/check-out workflows.
- Designed relational MySQL schema to ensure data integrity and implemented role-based authentication for librarians.

Availability

- Start Date: May 2026 | Duration: 3 months (12 weeks) | Location: Kisumu-based, open to relocation in Kenya