

Suerine Otieno

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Computer Science student specializing in full-stack web and Android development, with hands-on experience building and maintaining real-world applications using JavaScript, React, Node.js, and SQL. Proven ability to work in agile teams, translate requirements into functional software, and deliver user-focused solutions. Seeking a Software Engineering Internship starting July 2026.

Projects

Workout Tracker Android App

- Built an Android app using Java and SQLite to log workouts, sets, reps, and duration
- Implemented local data persistence and RecyclerView for performance
- Applied MVVM principles using ViewModel and LiveData

Expense Tracker Web App

- Developed a full-stack expense tracking system using React, Node.js, Express, and MongoDB
- Implemented JWT authentication and RESTful APIs
- Improved data validation and error handling for financial records

PromptBi AI Virtual Hackathon – Nov 2025

- Collaborated in a virtual team to design AI-driven solutions using prompt engineering and automation concepts.

Work Experience

IT Support & Process Automation Attachee, National Crime Research Centre (NCRC)

Jan 2026 – Present

- Provide technical support across multiple departments, troubleshooting hardware, software, network, and system-related issues to ensure smooth daily operations.
- Design and implement workflow automation solutions to streamline internal departmental processes, reducing manual tasks and improving efficiency.
- Assist in integrating internal systems, tools, and data workflows to improve operational productivity.
- Document technical processes, system changes, and automation workflows to support continuity and scalability.

Intern, Fasinii

Sept 2023 - April 2024

- Developed responsive web interfaces using React and JavaScript, improving page load performance and user interaction across devices.
- Collaborated with developers in an agile startup environment, participating in sprint planning, code reviews, and feature testing.
- Contributed product ideas that were reviewed and incorporated into the company's development roadmap.

Education

USIU-AFRICA — Applied Computer Technology

Expected Graduation: Sept 2026

Skills

Programming Languages

- JavaScript (ES6+), Python, Java

Frontend

- React, HTML5, CSS3, Tailwind CSS

Backend

- Node.js, Express, REST APIs, Firebase

Databases

- SQL (SQLite, MySQL), MongoDB, Firestore

Tools & Platforms

- Git & GitHub, VS Code, Android Studio, Linux

Leadership & Extracurricular

- Mr. USIU-AFRICA 2024-2025
- Member of NHS 2020-2022

Languages

- English (Fluent)
- Kiswahili (Fluent)
- French (Beginner)