

# Kpemlie Vincent Kwaku

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## EDUCATION

### Kwame Nkrumah University of Science and Technology

Bsc. Computer Science

Jan 2023 – present  
Kumasi, Ghana

**Relevant Coursework:** Data Structures and Algorithms, Java, C++, Database, Structured Programming, Discrete Math, Circuit Theory, Information Technology.

## PROFESSIONAL EXPERIENCE

### Nalo Solutions Limited

Frontend Developer Intern

Sep 2024 – Nov 2024  
Accra, Ghana

- Built responsive and interactive UIs using ReactJS and NextJS, enhancing user engagement across 3+ client-facing web applications.
- Developed and tested 20+ cross-platform features using Flutter, contributing to unified web and mobile experiences for 2 internal projects.
- Collaborated with a team of 5+ developers and designers to implement 30+ modular components and ensure seamless integration with 10+ RESTful APIs.
- Participated in 15+ code reviews and debugging sessions, leading to a 25% improvement in frontend performance and reduced load times.

## PROJECTS

### Fullstack Website Analytics System

Jan 2025

*Tech Stack:* ReactJS, TailwindCSS, NodeJS, ExpressJS, MongoDB

- Built a real-time analytics platform that tracked up to 5 key user metrics, enabling actionable insights for website performance.
- Engineered a responsive frontend with ReactJS and TailwindCSS, achieving 100% Lighthouse score in responsiveness.
- Designed RESTful APIs and integrated MongoDB to handle and persist thousands of data points efficiently.

### Soundwave Mobile App

Aug 2024

*Tech Stack:* React Native (Expo), JavaScript, API

- Contributed to a music player app that allowed users to stream songs from a library of over 1,000 tracks via third-party APIs.
- Implemented audio playback functionality with seamless transitions and intuitive controls.
- Helped improve UI responsiveness and layout consistency across Android and iOS, boosting test user satisfaction by 30%.

### Personal Portfolio Website

Mar 2024

*Tech Stack:* JavaScript, AstroJS, TailwindCSS

- Designed and deployed a fast-loading portfolio with AstroJS, achieving sub-1s load times on most pages.
- Showcased 5+ personal and academic projects with clear categorization, smooth navigation, and SEO optimization.
- Leveraged AstroJS's static generation to reduce load times by over 40% compared to previous React-based versions.

## SKILLS

### Frontend Development

HTML, CSS, Javascript, SCSS, ReactJS, AstroJS, TailwindCSS, React Native w/ Expo,

### Backend / Database

NodeJS, ExpressJS, MongoDB, SQL

### Design

Figma, Photoshop

### Tools

VSCode, Git, Github, Linux