

# KINGSLEY USA

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## Education

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University of Uyo, October 2016 - November 2022

Bachelor of Computer Science

- Key Courses: OOP in C++, Compilers, Algorithms, Operating Systems, Data Structures

African Leadership X (ALX), March 2023 - August 2024

Software Engineering Certification

- Key Courses: Scripting, OOP in Python, Server Management, Shell Development, Database Management

## Skills

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Languages: C, Python, JavaScript, Kotlin, HTML, Bash

Technologies: Django, React.js, Next.js, MySQL, NoSQL, AWS, Bash, Git, Docker

## Professional Experience

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### Algorithm Visualizer

September 2024 – October 2024

#### Full Stack Developer | Independent Developer

- Implemented algorithm animations to demonstrate sorting processes step-by-step, enhancing user understanding of algorithm mechanics.
- Configured Tailwind CSS for styling, ensuring a responsive and visually appealing design.
- Deployed application on Vercel, making it accessible online for users to interact with.

### Interactive Quiz Application

August 2024 – Aug 2024

#### Full-Stack Developer | Independent Developer

- Developed and integrated a custom user model with Django's authentication system to manage user access and permissions.
- Developed RESTful APIs with JWT authentication to provide secure read-only access to quiz and user data.
- Implemented context processors to display dynamic data such as top scores.

### Chattrix

November 2024 – December 2024

#### Full-Stack Developer | Personal Project

- Designed and developed a web app that fetches and filters YouTube comments based on keywords using React, Flask, and YouTube Data API.
- Implemented a C-based comment filtering algorithm to optimise performance.
- Designed an interactive user interface with TypeScript, HTML, and Tailwind CSS for an intuitive search experience.

## **Grocery Store MS**

October 2024 – October 2024

### **Software Engineer | Personal Project**

- Designed and implemented a Python-based application to streamline grocery store operations, including sales transactions and inventory management.
- Integrated user authentication to ensure secure access and protect sensitive data.

## **Kingsley Usa's Portfolio Site**

April 2025 – May 2025

### **Full-Stack Developer | Independent Developer**

- Developed a fully responsive website with advanced UI/UX, including a collapsible sidebar, dynamic sections, interactive pop-ups, custom cursor, and floating animations.
- Built a secure contact form with Google reCAPTCHA integration and configured backend form handling using Express.js and Nodemailer.
- Managed all aspects of the project lifecycle: architecture, coding, testing, deployment, and continuous improvement.
- Overcame technical challenges such as advanced animations, responsive navigation, and robust form validation.