# **Ukoh-Godwin George**

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#### **EDUCATION**

Caleb University Ikorodu, Lagos

B.S. in Computer Science

Expected Graduation, July 2027

- o Concentrations: Backend Development, Software Engineering.
- o GPA: 4.97/5.00
- o **Related Coursework:** Object-Oriented Programming (OOP), Discrete Mathematics, Data Structures and Algorithms, Machine Learning, Artificial Intelligence, Computer Programming.

### **EXPERIENCE**

Aco Multimedia Lagos, Nigeria

Junior Web Developer and Instructor

July 2024 - Present

- Instructed 100+ students in Backend Development, covering topics such as database management, API integration and server-side programming.
- Collaborated with other instructors and developers to enhance course content and improve the platform's scalability and user experience.
- Currently developing an LMS platform for the company, enhancing functionality and user experience using modern technologies.

#### **PROJECTS**

#### Projectrix: AI-Powered Collaborative Development Platform

Lagos, Nigeria

Solo Full Stack Developer <u>Live Demo</u>

Jan 2025- Mar 2025

- Developed a comprehensive platform that connects developers with AI-generated project ideas and team collaborators
- Engineered complex features including Al-powered project generation, user collaboration management, and feedback systems
- Implemented real-time notifications with Socket.io, secure authentication with Firebase, and payment processing with Flutterwave
- Built with Next.js, Node.js, TypeScript, MongoDB, Redis, and integrated with third-party services (GitHub, Discord)
- Designed multiple dashboards for project management, collaboration requests, and subscription management

### **SkillNest: Full-Stack E-Learning Platform**

Lagos, Nigeria

Solo Full Stack Developer Live Demo

April 2024- Nov 2024

- Developed a comprehensive e-learning platform from scratch, implementing both frontend and backend technologies, using Next.js, Node.js, and TypeScript.
- Implemented secure JWT authentication, Stripe payments, and real-time notifications
- Created responsive UI with admin dashboard and course management system
- Integrated MongoDB, Redis, and Socket.io for robust, scalable application performance.

### MiCounselor: Anonymous Marriage Counseling Platform

Lagos, Nigeria

Solo Full Stack Developer Live Demo

Nov 2024- Jan 2025

- Developed a comprehensive marriage counseling platform supporting over 500+ users while maintaining complete anonymity.
- Engineered three distinct dashboards (admin, counselor, client) with custom interfaces and role-specific functionality.
- Implemented secure video calls integration, custom email/SMS notifications, and sophisticated booking systems.
- Built with Next.js, TypeScript, MongoDB, Redis, Socket.io with advanced state management for a large-scale codebase.

# **Spin-The-Wheel Promotional Web App**

Solo Full Stack Developer Live Demo GitHub

Jan 2025- Jan 2025

- Designed and implemented a promotional application with modern animations and complex prize distribution algorithms.
- Created external APIs for ticket creation and validation, enabling seamless integration with client's existing website
- Developed a comprehensive admin dashboard for tracking spins, prizes, and winners in real-time.
- Engineered for high performance—successfully handled 256,000 users with minimal latency.

#### **Empire Books Concept Website**

Lagos, Nigeria

Frontend Developer Live Demo | GitHub

Sep 2024 - Nov 2024

- Created a modern, responsive website for a book publishing company showcasing their products.
- Implemented smooth animations and transitions using Framer Motion for enhanced user experience.
- Designed elegant, responsive UI components using React and Tailwind CSS.
- Developed interactive features to highlight upcoming publications and featured textbooks.

## Personal Portfolio Website Lagos, Nigeria

Lagos, Nigeria

Frontend Developer Live Demo | GitHub

Aug 2024 – Sep 2024

- Created a sophisticated, responsive portfolio website with multiple theme color mode support.
- Implemented smooth, engaging animations using Framer Motion to enhance user engagement.
- Designed intuitive, interactive UI components using React, Vite, and Tailwind CSS.

E-Voting Project

Lagos, Nigeria

Solo Full Stack Developer GitHub

Aug 2022 - Nov 2022

- Developed a full-stack web application hosted on XAMPP to facilitate high school elections.
- Designed a responsive frontend using Bootstrap, HTML, CSS, and JavaScript, with PHP backend.
- Improved election speed and efficiency by 1000%, enabling secure voting and real-time result tracking for over 500 students.

# AI & Machine Learning Classifier

Lagos, Nigeria

Team Lead

April 2023 – June 2023

- Built a machine learning model to classify dataset inputs with high accuracy, using Python, Scikit-learn, and TensorFlow.
- Trained the model on a labeled dataset, achieving a prediction accuracy of 92.5%.
- Visualized data trends and model performance using Jupyter Notebooks, enhancing the interpretability of results.

#### SKILLS

**Programming:** JavaScript, TypeScript, Python, SQL, HTML/CSS, Node.js, Express.js, React.js, Next.js, Redux, PHP, Framer Motion **Tools:** Bootstrap, Git, AWS, MongoDB, PostgreSQL, Redis, Socket.io, JWT, Stripe, Tailwind CSS, Prisma, Supabase, Vite, XAMPP, PyCharm, Jupyter Notebooks, Scikit-learn, TensorFlow