

# KAILOTACHUKWU IGWE

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## Education

### Pan-Atlantic University

*Bachelor of Science in Software Engineering (in view)*

Sep. 2025 – Dec. 2029

*Ibeju-Lekki, Lagos*

### Marist Comprehensive College

*West African Senior School Certificate (6 A1's and 3 B2's)*

Sep. 2019 – Aug. 2025

*Nteje, Anambra*

## Relevant Coursework

- Introduction to Software Engineering
- Data Structures & Algorithms (Rust)
- Database Management Systems
- Linear Algebra & Vector Analysis
- Object-Oriented Programming
- Calculus for Engineers

## Awards and Certifications

### Math Foundation for Machine Learning | 365 Data Science

Nov. 2025

- Mastered core concepts in Linear Algebra, Calculus, and Statistics essential for algorithm optimization.

### AI: Prompt Engineering for Beginners | Udemy

Nov. 2025

- Developed skills to design and optimize AI prompts for improved automation and output quality.

## Professional Experience

### CodeAlpha

*Software Engineering Intern*

Dec. 2025 – Present

*Remote*

- Developed and deployed AI web apps using Python and Streamlit to process real-time data efficiently.
- Built a Voice-Enabled Translator for 100+ languages by integrating Google APIs for seamless speech conversion.
- Created an NLP-driven Chatbot using Cosine Similarity algorithms to automate customer support responses.

## Projects

### CreditGo (Fintech Hackathon) | Technical Product Lead

Jan. 2026

- Architected a deterministic scoring algorithm using regex to parse unstructured data, executing logic client-side to ensure zero-knowledge privacy.
- Led the Agile delivery of a React Native and Firebase MVP, integrating biometric KYC and Paystack to securely route users to productive asset financing.
- Secured 1st Place at the PAU/VFD Pitch Competition by validating commercial viability to bank executives.

### Theora (FlowFi) | Team Lead & AI Implementation

Sep. 2025

- Facilitated technical problem-solving sessions to debug logic errors in Python and Rust for a distributed team.
- Integrated Amazon Bedrock and Firebase to architect a serverless, offline-first backend for personalized insights.

## Volunteering Experience

### Cowrywise

*Student Ambassador*

Dec. 2025 – Present

*Pan-Atlantic University*

- Spearhead financial literacy campaigns reaching 100+ students, providing scalable solutions to drive adoption of digital savings.
- Collaborate with the product team to implement feature requests based on aggregated user feedback from the student demographic.

### School of Science and Technology Committee

*Member (Feedback & Communications)*

Jan. 2026 – Present

*Pan-Atlantic University*

- Manage communication channels and feedback loops to ensure transparency in departmental activities.

## Technical Skills

**Languages:** Rust, JavaScript (ES6+), Python, HTML/CSS

**Frameworks:** React Native, React, Node.js, Tailwind CSS, Streamlit

**Tools:** VS Code, Git, Google Cloud Platform, Firebase, AWS Bedrock