

EMMANUEL AMITEYE

Lagos, Nigeria

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PROFESSIONAL EXPERIENCE

EcoRed Limited, Lagos, Nigeria

May 2026 – Present

Co-Founder

- Co-founded a sustainable building-materials company manufacturing **Compressed Stabilised Earth Blocks (CSEB)** and lower-carbon materials for affordable, low-cost housing in Nigeria.
- Building the company in collaboration with the **Nigerian Building and Road Research Institute (NBRRI)** under the Federal Ministry of Innovation, Science and Technology.
- Lead EcoRed's technology and digital direction, including its web presence, brand design system, and customer-facing digital platforms.

Whiteshield Advisory, Dubai, AE

January 2025 – Present

Full Stack Developer

- Engineered the frontend architecture for a digital government **PaaS** for ministries (**MoHRE/MoHESR**), enabling policymakers to visualize labor market and education insights through data-driven interfaces.
- Developed the new user interface for an AI job-matching and upskilling platform for Whiteshield Advisory and the Kuwaiti government, supporting a strategy targeting 10% private-sector growth.

Soft Solution Limited, Lagos, Nigeria

December 2024 – April 2025

Senior Frontend Developer

- Spearheaded the frontend development of **Work wave**, a comprehensive B2B Human Resource Management System (HRMS) designed to automate record tracking and booking management for both internal and external corporate clients.
- Transformed complex HR workflows into meaningful, user-centric dashboards, improving data accessibility and administrative efficiency.

Validatus, Germany

August 2023 – November 2024

Mid-level Full Stack Developer

- Collaborated on a Python-based web scraper for the moderation team to track staff engagement and marketing efficiently.
- Designed and developed a documentation website using Nextra (Next.js) and MinIO.
- Engineered a modular system using Bash scripts for staking, delegation, and commission withdrawals.

Balky E-Commerce Ltd

May 2022 – March 2023

Back-End Administrator

- Improved backend efficiency, resulting in faster response times and smoother platform performance.
- Analyzed platform data to identify trends and implement changes that boost user engagement.

EDUCATION

BSc. Computer Science | Benson Idahosa University

July 2022

- **GPA:** Second Class Upper Division (4.42/5.00).
- **Thesis:** *Using Anomaly Detection to Detect Fraudulent Transaction in Electronic Banking.*
- **Relevant Coursework:** Artificial Intelligence, Machine Learning, Robotics, Cybersecurity, and NLP.

HONOURS AND AWARDS

- **Most Distinguished Male Student of the Year** | NACOS BIU Chapter (2021).
- **Outstanding Service Award** | BIU Student Leadership (2021).

COMMUNITY SERVICE

Student Resident Advisor | Benson Idahosa University

2018 – 2021

- Served as a student leader ensuring hostel safety and comfort while maintaining exemplary leadership standards.

SKILLS & INTEREST

- **Languages:** English (Native/Native Proficiency).
- **IT Skills:** C#, React, Next.js, Node.js, Express.js, TypeScript, JavaScript, Python, Django, Bash scripting, Docker, Git/GitHub, PostgreSQL, MySQL, MongoDB, Redux.
- **AI Tools:** Expert proficiency in **Cursor** and **Claude** for optimized development workflows.
- **Interests:** Robotics, Anomaly Detection Research, Sustainable Construction, and 3D Design/Printing.