

Emmanuel Chibuikem Ngwoke

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Skills

Languages: HTML, CSS, JavaScript, Python, TypeScript, SQL

Frameworks & Libraries: React, React Native, Express.js, Flask

Technologies & Tools: Node.js, Firebase, MySQL, MongoDB, Git, Docker, Vercel, GitHub Pages, REST APIs, VS Code, IntelliJ, PyCharm

Experience

Mentor & Community Volunteer – Tech Empowerment Initiative | 2024 – Present

- Mentored peers and local youths on foundational web development and digital skills
- Advocated for integrating technology to address climate change and youth unemployment

Projects

Cropwise – Agricultural Web Marketplace

- AI-powered agricultural chatbot for farming advice
 - User authentication and profile management
 - Product marketplace with shopping cart and orders
 - Agriculturist network and expert connections
 - Real-time weather information, seasonal guidance, and soil analysis
- Tech:** Node.js, Express.js, JavaScript, Firebase, OpenRouter API, HTML5, CSS3, DeepSeek API
GitHub: [Link](#)

UzimaAI – Health Management Platform (Hackathon Project, ALU AI Symposium)

- AI health chatbot, medicine search & review system, emergency contact management
 - First aid guide, admin dashboard, search history analytics
- Tech:** React Native, Expo, PHP, MySQL, React, Node.js, Express.js, TypeScript, JWT
GitHub: [Link](#)

Mini Oxford Dictionary App

- Word definitions, pronunciations, examples, and word-of-the-day feature
 - Dark/light mode, search history & favorites, responsive design
- Tech:** HTML5, CSS3, JavaScript, Nginx, Load Balancing, Free Dictionary API
GitHub: [Link](#)

Web3 Portfolio CV

- Interactive 3D globe with orbiting text animations
 - Video background with overlay, smooth scrolling, glitch effects
 - Showcases Web3 community roles & ambassador positions
- Tech:** HTML5, CSS3, JavaScript, Three.js, Vite, WebGL
GitHub: [Link](#)

Currency Converter

- Real-time exchange rates, multi-currency support, bidirectional conversion

- Input validation, error handling, and accurate calculations
Tech: HTML5, CSS3, JavaScript (ES6+), ExchangeRate-API v6
GitHub: [Link](#)

Education

High School: City Comprehensive High School, Enugu, Nigeria

University: African Leadership University (ALU), Kigali, Rwanda | BSc Software Engineering (2024 – 2027, In Progress)

Awards & Certificates

- Mastercard Foundation Scholarship Awardee – ALU, Kigali
- ALX Virtual Assistant Certificate (ALX Rwanda)
- Introduction to Web Development – freeCodeCamp, Coursera
- Data Structures & Algorithms – Udemy (In Progress)
- Mobile App Development (Flutter & Dart) – Udemy (In Progress)

Web Portfolio: [Link](#)