

# NWANGWU ISRAEL IKECHUKWU

## Full-stack Developer

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## PROFILE

- ❖ Full-stack developer with over 4 years of experience
- ❖ Experience developing frontend and backend of web and mobile applications with Next js (React js), Flutter, Express js (Node js), Laravel (PHP) and TailwindCSS
- ❖ Expertise in writing automation and web scraping scripts with python

## PROFESSIONAL EXPERIENCE

### Software developer

01/2023 - Present

#### The Varlc Project

**The Varlc Project** is an EdTech startup focused on improving the university learning experience for students in Nigeria by providing insightful tutorials, quizzes, and past questions to support academic learning and help students master their courses ([www.varlc.com](http://www.varlc.com))

#### Achievements

- ❖ Developed The Varlc Project official website using React js (Next js) and Node js (Express js)
- ❖ Wrote automation script for repetitive tasks such as obtaining relevant data such as email list for the marketing team through web scrapping, sending bulk messages using a basic Whatsapp and email automation scripts reducing time spent on manual work and improving time efficiency.
- ❖ Developed Telegram Bot equipped with Artificial Intelligence (Ai) for quizzing students on any topic
- ❖ Involved in team brainstorming sessions aimed at getting ideas for improving the company overall performance.

### Telegram bot developer

07/2025 - 07/2025

#### Ezynotify

**Ezynotify** is a telegram bot that checks any website url that a user enters at regular intervals for updates and notifies the user and if the user included keyword search, it checks for these keywords in every updates and notifies the user whenever the keyword is found ([t.me/ezynotify\\_bot](https://t.me/ezynotify_bot))

#### Achievements

- ❖ Developed the bot using Selenium for getting the updates from websites and hosted it in github actions for its cron-job functionality for running the scripts at regular intervals.
- ❖ Included a Keyword search which is a simple feature for user to only get an alert when a particular word was found (Very useful for scholarships and news sites)

### Web developer

02/2025 - 04/2025

#### Braxxor (Demo)

**Braxxor** is an e-commerce site demo that was commissioned for a environmental engineering and sustainability pitch in Lagos, Nigeria ([www.braxxor.com](http://www.braxxor.com)). I developed the website using React js (Next js) and Supabase (Firebase alternative) and integrated a blog section as requested by the client

### Frontend developer

12/2024 - 12/2024

#### SPFoodChain (Demo)

**SPFoodChain** is a delivery site landing page demo that was commissioned for a pitch deck for a startup in Jos, Plateau that offers services including home-to-home fresh food delivery and storage service ([www.spfoodchain.vercel.app](http://www.spfoodchain.vercel.app)). I developed the website using only Next js.

### Frontend developer

11/2023 - 12/2023

#### Telectify (Demo)

**Telectify** was an IOT (Internet of Things) user interface demo that was developed for a engineering hackathon in University of Nigeria. The project was a smart meter monitoring system that aimed to solve the problem faced by multi-tenant buildings that are sharing one pre-paid meter which often leads to conflicts and unfair billing

([www.telectify.vercel.app](http://www.telectify.vercel.app)). As a frontend developer, I collaborated with a team of UI/UX designers, embedded system engineers, data analyst and backend developers to work on the project for the hackathon.

### **Web developer**

**05/2020 - 02/2021**

*Apex Online Academy*

**Apex Online Academy** was an online academy that provided tutorial services for university students during the covid19 lockdown ([www.apexacademy.com.ng](http://www.apexacademy.com.ng) - currently inactive)

### **Achievements**

- ❖ Developed a responsive and user friendly CBT web app for an online academy using PHP and MySQL database
- ❖ Ensured the CBT website was always online and accessible to students and tutors.
- ❖ Created video guides on how to use the platform
- ❖ Prepared FAQs for technical issues during exams
- ❖ Managed server backups and restoring data if needed
- ❖ Assisted students who faced issues like login and password problems

## **EDUCATION**

### **Bachelor of Engineering in Civil Engineering**

**11/2017 - 07/2023**

*University of Nigeria*

### **Software Engineering**

**06/2022 - 07/2023**

*Alx Holberton*

## **TECH STACK**

### **Language**

- ❖ Javascript/Typescript
- ❖ Python

### **Frontend**

- ❖ Nextjs/React js - Web frontend
- ❖ Flutter - Mobile apps (Android)
- ❖ TailwindCSS - Fast styling

### **Backend**

- ❖ Node js/Express js - Backend and Resful API
- ❖ PHP/Laravel - Backend and Resful API
- ❖ Supabase/Firebase (BaaS) - Quick MVP (Minimum Viable Product) websites

### **Database**

- ❖ MongoDB
- ❖ PostgreSQL
- ❖ MySQL

### **Tools & Platforms**

- ❖ Git/Github - Version control
- ❖ Selenium/Playwright - Data scraping
- ❖ OpenCv - Projects that involves image processing and computer vision
- ❖ Framer-motion/AOS - Web animations
- ❖ Figma - Collaborating with Web designers/UI/UX
- ❖ Docker - Platform consistency

## **STRENGTHS**

- ❖ Problem solving
- ❖ Collaboration

## **CERTIFICATIONS**

**Professional Exam Certifications:** Javascript/Typescript | Python | SEO (Search Engine Optimization) | Career Essentials in Github | Docker Foundations | DevOps | MS Azure AI Essentials | Alx Software Engineer

View all here: <https://drive.google.com/drive/folders/1RDxKnPis5x9BfbGS1uEBx4fmoXTub2Or>