





# EBUBE OKONKWO

## BACKEND ENGINEER

### CONTACT



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 Nigeria

### SKILLS



- PHP
- Laravel
- Database Design
- Git
- Docker
- Linux

### REFERENCES

#### Dr. E.S. Mbonu

 (234)-906 209 2205  
 ekene.mbonu@futo.edu.ng

#### Edward Victor

 (234)- 706 789 2574  
 victorhezishere@gmail.com

### PROFILE

Technology from my point of view is a tool for improving the general quality of people's lives. I started my technical journey in High School out of curiosity. However, I am proud of technology today because of the life-changing opportunities it brings. Though I have access to limited resources, I have been able to **use technology to solve challenges** in different organisations including local church and school by aiding the development of useful applications.

I look forward to becoming one of the great people changing the world through responsible and innovative solutions/research while upholding good ethical standards.

### EDUCATION

#### B.Eng in Mechatronics Engineering

Federal University of Technology Owerri

2018 - 2024

My time at the university was filled with learning opportunities. As a student, I;

- **Leveraged research skills** honed through collaboration with lecturers to contribute to **2 PhD-level projects**, spanning hardware and software domains. Analysed research papers to enhance project understanding.
- **Led the development and implementation** of two impactful IoT projects, Sunify and Highcut. These projects encompassed hardware, microcontroller programming, backend systems, and ReactJS front-ends, providing valuable hands-on experience.
- **Actively participated** in local student development clubs, fostering a supportive environment for students seeking to develop technical skills and find an inspiring community.

### CERTIFICATIONS

- Google Cloud Essentials
- Cloud Foundations

## WORK EXPERIENCE

### Junior Web Developer | Queritel

Queritel | Figozo

Sept, 2021 - July, 2023

Queritel is a data gathering and analytics platform for consumer brand managers who want to track competing products in the market. It combines data from its network consumers and stores which allows marketing and sales teams to have access up to date market insights for targeted decision making, growing sales and producing optimised distribution strategies.

My duty in this position was to create functional applications for the best user-experience. I worked in a team of other developers to bring a product **from its ideation stage to its first 10,000 customers (including paid ones)**. I was also involved in brainstorming innovative ideas that would enable the product thrive in its required space.

One of my major achievements in this role was building a **custom tailored solution to solve the translation problems faced** both by the product's website and mobile app. This increased team productivity and app performance since the solutions was fast and easy to use.

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### Top 11% || Tryhackme.org

Tryhackme

TryHackMe is a browser-based cyber security training platform, with learning content covering all skill levels from the complete beginner to the seasoned hacker.

This platform aided my experience with **important security considerations** as a backend engineer. I walked through different concepts using their hands-on learning labs and rooms including;

- Active and Passive Reconnaissance
  - Linux Fundamentals
  - Fundamental Networking Concepts.
  - OWASP top 10 web application vulnerabilities.
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### Cybersecurity Engineer Intern || VT Foundation

VT Foundation

May, 2022 - July, 2022

Virtually Testing Foundation (VTF) is a revolutionary institution that is dedicated to providing accessible and high-quality education to students from all backgrounds. As the world's first and largest open university, VTF serves 30,000 students every year and offers cybersecurity education, hands-on experiences, and personal branding at no cost.

As an intern, I was tasked with weekly activities which were categorised into;

- Professional Networking Visibility: Activities in this category involved reading and sharing important topics in security like **IDOR, XSS, Cache spoofing, Cross-Site Request Forgery, etc.** This helped me to broaden my understanding of specific concepts.
  - Professional Etiquette: Activities under this category were modelled to help me **learn how to communicate concisely and professionally** using slides, videos and other media formats. I learned important soft skills required to be a good team player like empathy, listening skills, effective communication, etc.
  - Cybersecurity Tasks: Tasks under this category held hands-on application of the theory learned. **I understood the implications of specific mistakes when developing applications and how to prevent notable application vulnerabilities.**
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