





# 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 solving problems and bringing hope to the world. 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 my 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

# EBUBE OKONKWO

## BACKEND ENGINEER (INTERN)

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### WORK EXPERIENCE

#### 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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