

# FAATIH ADEKUNLE KAJOGBOLA

## Cybersecurity Professional & Game Developer

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 github.com/Garrus-31  garrus-31.github.io/Portfolio/

## PROFESSIONAL SUMMARY

Results-driven Game Developer and Cybersecurity Professional with a passion for creating engaging and secure experiences. Specialized in Unity and Unreal Engine development with a strong foundation in cybersecurity principles, including penetration testing, secure coding practices, and threat analysis. Demonstrated ability to bridge the gap between creative game design and robust security implementation.

## EDUCATION

### MSc, Cybersecurity

2025

National College of Ireland

Dublin, Ireland

### B.Eng, Chemical Engineering

2022

University of Ilorin

Kwara State, Nigeria

## TECHNICAL SKILLS

### Programming Languages

C++

Python

JavaScript

Blueprint

### Game Engines & Tools

Unity

Unreal Engine

### Cybersecurity

Penetration Testing

Network Security

Threat Analysis

Vulnerability Assessment

### Tools & Technologies

Git

Docker

AWS

Linux

Wireshark

Metasploit

Burp Suite

## FEATURED PROJECTS

### CyberKnights

2025

#### Solo Developer | Unreal Engine 5, Cybersecurity Education

Gamified cybersecurity learning module examining teaching cybersecurity concepts through interactive gameplay. Developed to make learning more appealing and rewarding.

- Developed a gamified cybersecurity learning module
- Measured learning gains against control group learning through conventional methods
- Increased player knowledge retention by 12%

[Demo | Itch.io](#)

### Cloud Security Project

2025

#### Team Leader | AWS, MySQL, Network Security

Set up a Cloud VM instance via AWS, configured a LAMP Stack and a WordPress site on the same instance and secured all parts of the setup.

- Effectively secured an AWS EC2 instance, LAMP stack and WordPress site
- Employed tools like Wireshark, OWASP Zap, DataDog, CloudWatch, Qualys SSL Labs and Orange 2FA over the course of the project
- Significantly increased security posture by implementing features like SIEM, SSL certification, authentication and access management, anti-spam and session management.

[Demo](#)

## Secure Application Development Project

2025

### Solo Developer | Java, Application Security

Project involved discovering all the vulnerabilities in a Java Application by conducting a manual code review and performing security testing using different state-of-the-art tools and securing it by fixing these vulnerabilities.

- Carried out SAST using SonarQube and Snyk to reveal two severe SQL injection vulnerabilities, and two medium level hardcoded credential vulnerabilities
- The manual code review conducted revealed that all the passwords entered into the database were stored in plaintext without any form of encryption
- All the vulnerabilities discovered were fixed and the secure code was uploaded to a GitHub repo

[Demo | GitHub](#)

## Crypt Raider

2024

### Solo Developer | Unreal Engine 5, C++

UE5 project exploring nanite and lumen lighting systems and dynamic level interaction.

- Created a system that uses overlapping actors and tags to trigger important actions around the level
- Used line traces and hits to trigger interactable actions with objects in the level
- Explored the new nanite and lumen lighting system

[Demo | Itch.io](#)

## Open World RPG Project

2024

### Solo Developer | Unreal Engine 5, C++

Ambitious open-world RPG combining skills gained over the years with multiple enemy types and mechanics.

- Utilized UE5 sculpting and foliage tools to design and populate a massive open world level
- Programmed multiple enemy types with unique movesets and animations, all derived from a single master AI controller class
- Created several effects using the Niagara and Cascade particle systems

[Demo | Itch.io](#)

## CERTIFICATIONS & TRAINING

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- **Certification in Unreal Engine 4 Blueprint Development**  
Udemy | 2022  
Credential ID: UC-f9af9c19-3b25-4751-a393-b0c3afaf9137
- **Certification in Unreal Engine 5 Blueprint Development**  
Udemy | 2023  
Credential ID: UC-cfb1085f-e1ba-441f-8db1-a9d5f9c0f795
- **Certification in Oracle Cloud Infrastructure Foundations**  
Oracle | 2023  
Credential ID: 100330997OCIF2023CA
- **Cybersecurity Training Diploma**  
Femtech IT Institute | 2024  
Credential ID: FITI/24/TW/3260
- **Certification in Unreal Engine 5 C++ Development**  
Udemy | 2024  
Credential ID: UC-d101d091-19de-4519-ac64-83d5d544b225

## PROFESSIONAL EXPERIENCE

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### Procurement Assistant (NYSC)

January 2023 – December 2023

#### Nigeria Extractive Industries Transparency Initiative

Abuja, Nigeria

- Developed and maintained comprehensive supplier databases to ensure accuracy of procurement information
- Performed detailed research into potential suppliers to assess their capabilities, prices, lead times, product quality
- Analyzed data to identify trends and opportunities for cost savings across the supply chain

*Key Achievement: Overhauled the entire supplier database by removing duplicate and disqualified vendors, leading to a 23% reduction in the overall size of the database.*

### Intern

June 2020 - May 2021

#### Standard Organization of Nigeria

Abuja, Nigeria

- Created reports and data-driven presentations that were used during departmental meetings
- Provided technical assistance for software and hardware related issues to team members
- Conducted safety inspections at multiple production plants to ensure regulatory compliance

*Key Achievement: Made a final project presentation at end of internship to communicate findings, share observations, and offer suggestions for improving program.*