

ARINZE ANAKWUE

CYBERSECURITY ANALYST

CONTACT

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MY PORTFOLIO

- <https://arinzeanakwue.vzy.io/>

EDUCATION

EBONYI STATE UNIVERSITY ABAKALI

- Computer Science BSc
2019

NATIONAL INSTITUTE OF INFORMATION TECHNOLOGY ABUJA

- Software Development
Diploma

2020

TECHNICAL SKILLS

- Security Tools: Burp Suite, Metasploit, Wireshark, Netcat
- Scripting & Programming: Python, Bash, SQL
- Cloud & DevOps: AWS, Docker, Terraform
- Security Concepts: Ethical Hacking, Threat Modeling, Security Frameworks (ISO 27001, NIST)
- Platforms: Active Directory, Linux, Windows Server

PROFILE

Diligent and technically proficient Cybersecurity Professional with hands-on experience in network security, vulnerability assessment, and ethical hacking. Proven ability to identify, exploit, and mitigate system vulnerabilities to prevent data breaches and enhance organizational security posture. Skilled in translating technical requirements into practical security solutions, with strong collaboration skills and a track record of contributing effectively to diverse project teams. Brings a unique blend of adaptability, problem-solving, and real-world project experience across multiple environments.

WORK EXPERIENCE

- NIIT - Garki, Abuja** July 2025 - Present
Cybersecurity Instructor/Ethical Hacker
 - Teach core cybersecurity concepts, ethical hacking, and secure programming to students and professionals
 - Deliver hands-on labs and simulations using tools such as Kali Linux, Burp Suite, Wireshark, and TryHackMe platforms
 - Prepare students for industry certifications, including CEH and CompTIA Security+
 - Design course content and facilitate practical workshops on network security and digital forensics
- Mindrift AI** March 2025 - Present
DevSecOps Engineer - Cybersecurity Automation
 - Developed and executed adversarial security testing strategies for AI agents within containerized environments
 - Integrated Anthropic API into secure Docker workflows and conducted prompt injection simulations to identify LLM vulnerabilities
 - Automated DevSecOps workflows for threat modeling, risk assessment, and vulnerability scanning across cloud-based platforms
 - Collaborated with developers and AI researchers to improve security practices in machine learning applications
- SocialTailer** July 2025 - Present
Cybersecurity Tutor/Mentor
 - Gained hands-on experience in penetration testing, red team/blue team operations, and system hardening
 - Exploited common web application vulnerabilities using the OWASP Top 10 methodology
 - Performed reconnaissance, scanning, exploitation, and privilege escalation in lab environments
- Uniccon Group** August 2023 - June 2024
Cybersecurity Analyst
 - Conduct penetration tests, vulnerability assessments, and threat modeling to identify and mitigate risks across enterprise environments
 - Assisted in incident response investigations and contributed to enforcement of security policies aligned with ISO 27001 and NIST standards
 - Delivered cybersecurity awareness training and promoted organizational compliance with industry best practices
 - Supported deployment and configuration of security tools, including access controls, endpoint protection, and basic SOC monitoring
 - Collaborated with the business development team to promote cybersecurity services such as VAPT, digital forensics, and SOC-as-a-service

NIIT Abuja

Software Developer

December 2020--

March 2022

- Created E-commerce applications with Python programming language
- Database management using RDBMS
- Developing web applications using Servlets & JSP
- Implementating JSF, Hibernate, and Spring in Java EE Applications

Bizmarrow Institute

Web Development Trainee – Front-End Technologies

May 2020 -

December 2020

- Gained hands-on experience in building responsive web pages using HTML5, CSS3, and Bootstrap
- Practiced layout structuring, form design, and styling techniques for user interface development
- Explored foundational PHP concepts and syntax, with exposure to dynamic page integration
- Completed mini-projects simulating real-world interfaces and website components

CERTIFICATIONS

- Linux 101
- Introduction to Dark Web, Anonymity & Cryptocurrency
- Ethical Hacking Essentials
- The Ultimate Guide to NIST SP 800-53 - Fundamentals and Control Families
- Network Defense Essentials
- Netcat Penetration Testing
- DevSecOps: Implementation Security in DevOps process
- OWASP Top Ten for Docker Containers and Kubernetes Security

PROJECTS

- As a mobile application penetration tester, I conduct comprehensive security assessments of some mobile applications like the Kayi Bank mobile banking application and the Omeife Digital Literacy App. I identified and remediated potential vulnerabilities using industry-standard tools and methodologies, focusing on authentication flaws, data leakage vulnerabilities, and insecure data storage practices. By delivering actionable insights and recommendations, I enhanced the overall security and resilience of the Kayi Bank application, ensuring the protection of sensitive customer data and fostering trust among users.
- Keeping up to date on the latest developments and threats to computer software and networks on the HackerOne platform investigating existing malware and their capabilities and developing appropriate security responses to control malware attacks
- Performing static and dynamic analysis by applying research tools such as disassemblers, debuggers, and fuzzing
- Implementation of a Network Proxy to capture, evaluate, manipulate, and resend application traffic, as well as brute-forcing login attempts, dictionary attacks, cookies manipulation, encoding/decoding, function discovery, web parameter tampering, cross-site scripting, and SQL injection