OBED ABANG AMEN

Cybersecurity Researcher · Filmmaker

Abuja, Nigeria

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I take systems apart to see how they work, then write up what I find so the fix is obvious. Five years of hands-on offensive security, malware analysis and detection engineering across government and private sector teams. The same curiosity runs my film work: I write and direct shorts like Change and lead creative direction for client productions.

EXPERIENCE

Cyphra · Cybersecurity consulting
Abuja, Nigeria

Co-Founder — 2026 – Present

Co-founded a cybersecurity consulting firm. Run penetration tests, vulnerability assessments and security advisory for real products, from the first scoping call to the final report, with findings ranked by risk and written so engineering teams can act on them.

Icon Digital Labs · Film and creative production
Abuja, Nigeria · On-site

Creative Director — Sep 2026 – Present

Run creative direction for client film and branded content productions. Wrote, edited, directed and pulled first AC duty for the DOP on SFH Access for the Society For HealthCare Access: skits, talking heads and a podcast session built to make healthcare access feel human. Also wrote and directed the short film Change, published under Tech Cinema.

Sr. Website Developer & System Architect (Contract) — Jan 2021 – Jan 2026

Architected a multi company operations platform on Node.js, Laravel, Three.js, C# and Azure with role based access controls. Built mobile first interfaces with Tailwind CSS, lifting user engagement by 57 percent, and resolved IAM misconfigurations across client builds (Simdozi, Marble Foods, Stone Rockers, AOA Homes).

Kynettic · P2P trading and DeFi
Lagos, Nigeria · Remote

Lead Security Engineer (Contract) — Jul 2026 – Present

Lead authorized penetration tests across production web, mobile and API infrastructure. Identified sensitive financial data exposure, user enumeration and access control weaknesses, then assessed P2P trading and DeFi transaction workflows for business logic flaws, weak cryptographic entropy in biometric checks and information disclosure, reporting with risk based priorities so teams close the gaps that matter first.

Gigafro (now Streetvibex) · Gig marketplace
Lagos, Nigeria · Hybrid

Security Consultant (Contract) — Jan 2026 – Aug 2026

Evaluated platform security across real time geolocation, gig dispatch, worker ranking and network based distribution systems. Ran vulnerability assessments of the marketplace web, mobile and backend infrastructure, covering authentication, authorization, API endpoints, data handling and business logic.

National Emergency Management Agency (NEMA) · Emergency response
Utako, Abuja, Nigeria · On-site

System Network Administrator (Internship) — Jun 2025 – Present

Administer enterprise network infrastructure: fibre optic connectivity, MikroTik and Cisco equipment, security monitoring and access management. Support Mission Control Center operations with GIS based geolocation and distress signal tracking. Deployed Active Directory and an interdepartmental digital file management system.

ATL Labs (PinkDraconian) · Security education
Tessenderlo, Belgium · Remote

Technical Security Writer (Contract) — Jun 2025 – Jul 2025

Developed RBAC (Role Based Access Control) security courseware covering access control architecture, policy design and enforcement mechanisms. Researched identity management and security governance topics, and produced course visualization content aligned to real world implementation contexts.

Myphlexit · Events tech backend
London, United Kingdom · Remote
Staff Backend Developer (Contract) Apr 2025 – Jul 2025
Engineered backend services and REST APIs with NestJS and PostgreSQL, powering authentication, ticket management and core workflows. Improved responsiveness through server side pagination, optimized queries and caching. Designed the MongoDB data access architecture and implemented CI/CD pipelines with AWS CloudFormation.

234coins.net · Web3 gaming
Remote
AWS Cloud Engineer (Freelance) Dec 2023
Optimized AWS IAM service roles to resolve regional permission and upload failures, cutting deployment errors by 50 percent on the Unity runtime engine. Implemented real time Redis monitoring for token loading and gameplay synchronization across regions, supporting two player Unity games.

PROJECTS

NEMA Response System · Incident response platform · 2025
Role based incident reporting and response platform with reporter, responder, admin and super admin portals for incident submission, assignment and live response tracking. Demo at nema-app-demo.vercel.app.

Change (A Single Note. A Hundred Stories) · Short film · Nov 2025 – Jan 2026
Wrote and directed a 14 minute crime thriller about one decision that disrupts an already connected group of lives. Listed on TMDB and streaming on YouTube under Tech Cinema.

Conversational AI for Dementia Care · NCAIR Hackathon Winner, $1,000 · Sep 2025
Backend services for conversation state management, intent handling and context aware LLM dialogue, with emotion recognition adapting responses to inferred cognitive state. Shipped on iOS and web.

LiDAR Spatial Assistant for Blind Users · Gemini Hackathon Special Recognition · Feb 2026
iOS application using device LiDAR for real time 3D room scanning and object detection, with YOLOv9 and ARCore for spatial awareness and audio navigation cues.

SKILLS

Security Penetration testing, vulnerability assessment, reverse engineering, malware analysis, web, API and mobile security testing, business logic flaws, Active Directory exploitation, Windows internals, EDR telemetry research

Networks MikroTik, Cisco, network segmentation, SIEM monitoring, incident investigation, GIS and Mission Control Center support

Engineering Python, Node.js, NestJS, PostgreSQL, MongoDB, React, REST APIs, CI/CD pipelines, AWS CloudFormation, Azure Stack Hub, Redis, Git

Film Screenwriting, directing, editing, cinematography, first AC, art direction

Languages English (native), Italian (elementary)

EDUCATION

Federal University of Technology, Minna · Minna, Nigeria
B.Tech, CyberSecurity Science 2021 – 2026
Thesis: a secure telemetry driven code mutation framework for EDR resilience testing in Windows environments; custom runtime tooling in Python and the Win32 API.

Certified Penetration Testing Specialist (CPTS) · HackTheBox Academy
Feb 2024 · ID HTBCERT-2508B8ABE8

RECOGNITION

CodeSandbox. Credited on security advisory GHSA-5jw5-g7mr-h26r, high severity, 2024.

X (Twitter), via HackerOne. Improper access control, critical, $2K bounty, 2023. First place, CyberSafe HQ HackTheBox, 2023.

NCAIR. $1,000 grant and hackathon grand prize for the dementia care AI, 2025.

Gemini hackathon. Special recognition for a LiDAR assistant for blind users, 2026.

TALKS & COMMUNITY

CyberNexus Starter, FUT Minna. Talk on threat detection approaches for iOS app architecture, malware analysis and reverse engineering, 2026.

NACSSS Awareness Month, Al-Amin Secondary School. Talk on wireless phishing attacks and awareness using Airgeddon, 2023.

CSEAN Student Chapter. Campus lead, 2024 – 2025. NACSSS, FUT Minna. Awareness month graphics and demo design concepts, Oct 2022 – Oct 2024.