

ABRAHAM, CHISOM SOPHY

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PROFESSIONAL PROFILE

Cybersecurity Analyst with over 10 years of progressive experience across data analysis, web systems development, and technical SEO. Proven expertise in analyzing, building, and securing digital systems, with hands-on experience in vulnerability assessment, penetration testing, and security auditing. Strong background in identifying system weaknesses and implementing secure, scalable solutions across web and network environments. Currently advancing practical cybersecurity capabilities through real-world labs, enterprise frameworks, and applied security projects, with a clear focus on threat analysis and system defense.

EDUCATION

University of Nigeria, Nsukka (UNN) MSc Political Economy (2021– 2023) | CGPA: 4.46 / 5.00

University of Nigeria, Nsukka (UNN) BSc Political Science (2006 – 2010) | CGPA: 4.12 / 5.00

PROFESSIONAL EXPERIENCES

Cybersecurity Analyst (2025 – Present)

Revolus Digital Agency, Nigeria (Project-Based)

- Conducted end-to-end vulnerability assessments on web applications and lab environments using Burp Suite, Nmap, Wazuh, Splunk, and Microsoft Sentinel, applying both automated scanning and manual testing techniques to identify exploitable weaknesses and improve system security visibility
- Performed penetration testing simulations in controlled lab environments (Hack The Box scenarios such as Mr Robot, Fawn, Blue, Kenobi), applying enumeration, exploitation, and privilege escalation techniques to analyze real-world attack vectors and system vulnerabilities
- Analyzed system and application logs using Splunk and Microsoft Sentinel by correlating events, identifying anomalies, and detecting suspicious activities, improving threat detection and monitoring capabilities
- Designed and implemented secure authentication mechanisms, including session management, cookie protection, and access control policies, reducing risks associated with unauthorized access and session hijacking
- Executed DDoS simulation experiments in controlled environments to evaluate system resilience, analyze traffic patterns, and assess mitigation strategies under high-load conditions and executed custom Python and Bash scripts to automate reconnaissance, log parsing, and repetitive security tasks, improving efficiency in vulnerability discovery and analysis workflows
- Applied ISO 27001 and NIST security frameworks to structure security controls, aligning system configurations with industry-standard governance and compliance practices
- Implemented encryption techniques for securing sensitive application and database data, enhancing confidentiality and data protection across systems

Cybersecurity Intern (Remote) (2025)

Redynox, United Kingdom

- Built and secured virtual network environments using virtual machines, configuring firewall rules, secure network access, and encrypted wireless protocols (WPA2/WPA3) to simulate real-world enterprise network security setups
- Captured and analyzed network traffic using Wireshark, examining HTTP, DNS, and other protocol communications to identify anomalies and understand network behavior patterns
- Conducted web application vulnerability assessments using OWASP ZAP on intentionally vulnerable platforms (WebGoat), identifying and validating vulnerabilities such as SQL Injection, Cross-Site Scripting (XSS), and Cross-Site Request Forgery (CSRF) through automated scanning and manual verification

- Performed controlled exploitation of identified vulnerabilities to understand attack mechanisms, followed by documenting findings with detailed reports including attack vectors, risk implications, and mitigation strategies
- Applied network and system security principles including firewall configuration, password hardening, and secure access controls to strengthen system defenses and reduce attack surface

Technical SEO Manager (2021 – 2025)

Revolus Digital Agency, Nigeria

Inhouse.codes, USA

Shamrock, USA

Adashofiruoma, Nigeria

- Led large-scale technical SEO audits across websites with 1000+ pages using Screaming Frog, Ahrefs, and SEMrush, analyzing site architecture, crawl depth, and indexing issues to improve overall search performance
- Utilized Google Analytics (GA4) and Google Search Console to monitor traffic behavior, identify indexing issues, and diagnose performance bottlenecks affecting organic visibility
- Conducted log file analysis and integrated data into tools such as BigQuery and Looker Studio to understand crawler interactions and optimize website performance at scale
- Collaborated with developers to resolve backend and frontend issues including API errors, rendering issues, and server misconfigurations that impacted SEO performance
- Implemented structured data, canonicalization strategies, and technical fixes to improve crawl efficiency, reduce duplication issues, and enhance search engine understanding of website content
- Improved overall website performance scores by up to 35% through technical optimization and system-level improvements

Web Developer & Systems Manager (2016 – 2020)

AskAria Consulting, Afghanistan (remote)

Ecotrack, Nigeria

- Developed full-stack web applications using React, TypeScript, JavaScript, HTML, CSS, and Tailwind CSS, focusing on performance, scalability, and responsive user experience design Built backend services using Node.js and Express.js, designing and implementing APIs for data handling, authentication, and system integration
- Managed databases using MongoDB and PostgreSQL, implementing structured data models, secure queries, and efficient data retrieval mechanisms
- Deployed and maintained applications on cloud platforms such as Render and other hosting environments, ensuring system availability, scalability, and reliability
- Implemented authentication and authorization systems with secure session handling, cookie protection, and role-based access control to safeguard user data and prevent unauthorized access
- Integrated third-party APIs for extended functionality while ensuring secure communication and proper data validation between systems
- Applied secure coding practices including input validation, output sanitization, and dependency management to minimize common vulnerabilities such as injection attacks and cross-site scripting
- Utilized modern development environments and tools, including VS Code to enhance coding efficiency, debugging, and workflow productivity

PROJECTS & PORTFOLIO

- Cybersecurity project portfolio: [Detailed project analysis can be viewed here](#)

Key Cybersecurity Projects

- Defensive Lab Environment & Network Configuration
- Service Enumeration & Vulnerability Research

- Data Exfiltration DDoS Simulation & Exploit Analysis (Controlled Environment)
- Security Framework Development: ISO 27001, NIST-based models
- Cryptography & Database Encryption Implementation
- Authentication & Session Security Systems
- Log Analysis & SIEM Monitoring (Splunk, Sentinel)

TECHNICAL SKILLS

TECHNICAL STACK

Cybersecurity Kali Linux, Burp Suite, Wireshark, Nmap, Postman, Splunk, Microsoft Sentinel, Wazuh, Bash, Python (scripting), Virtual Machines Web Development React, TypeScript, JavaScript, HTML, CSS, Tailwind, Node.js, Express.js, APIs, MongoDB, PostgreSQL, Docker, Render (Cloud), CMS SEO & Analytics Ahrefs, SEMrush, SearchAtlas, Screaming Frog, Google Analytics (GA4), Google Search Console, Looker Studio, BigQuery Management Excel, SPSS, Jira, Notion, Figma, Stitch

INTERPERSONAL SKILLS

Analytical & Critical Thinking; Problem Solving; Effective Communication; Team Collaboration; Adaptability & Continuous Learning; Leadership & Initiative Emotional intelligence

COURSES & CERTIFICATIONS

- Cisco Introduction to Cybersecurity (2025)
- HubSpot SEO Analytics Certification (2025)
- LM Tech Cybersecurity Course (2025)
- LM Tech Software Engineering Course (2025)
- TS Academy Backend Development Course (2026 – In Progress)
- Udemy Python language Course (in progress)
- MSI Project Management Certification (2026)
- IMSU Web Development Certificate (2014)
- Afrihub Office Administration (2010)
- UNN Research Methodology & ICT in Research (2023)
- YouWin & Lagos Business School – Business Planning Certificate(2014)
- LyfeCamp Entrepreneurship Bootcamp (2014)
- Willow Creek Leadership Certificate (2019)
- Global Entrepreneurship Experience (Victoria University, Australia) 2014

AWARDS & ACHIEVEMENTS

- LM Tech Cohort 4 Best Graduating Student (Overall)
- LM Tech Cohort 4 Best Graduating Student (Software Engineering)
- LM Tech Cohort 4 Best Graduating Student (Cybersecurity)
- Best Student (German A1) Goethe Institute (2024)

LANGUAGES

English — C2 | German — A2 | Igbo — C1

INTERESTS

Reading and Researching (Technology, Cybersecurity, Systems) Traveling Intellectual Discussions & Knowledge Sharing