

# OLANREWAJU OLUWAYINKA GOODNESS

Penetration Tester | Network & Application Security | IT Security Research

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## PROFESSIONAL SUMMARY

Cybersecurity professional with hands-on experience in penetration testing, network security, and secure application development. Background spans early programming and embedded-systems work, applied security research including Active Directory attack simulation, API security, and IT anomaly detection and nearly two years of freelance vulnerability assessment for private clients. Holds a Postgraduate Diploma in Cybersecurity with strong practical grounding in ethical hacking methodologies, vulnerability assessment, and secure software engineering.

## CORE SKILLS

- Penetration Testing & Ethical Hacking
- Web & API Security
- Network Security
- Active Directory Security
- Vulnerability Assessment
- Security Monitoring / SIEM
- IT Security
- Secure Software Development

## EXPERIENCE

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| <b>Cybersecurity Tutor — Cirvee</b>                                                                                                                                                                                                                                                                                                                                                                                   | 2025           |
| <ul style="list-style-type: none"><li>• Taught students the fundamentals of cybersecurity, covering core security concepts, networking fundamentals, and introductory security practices</li><li>• Structured lesson content to build foundational understanding of security principles for beginners</li></ul>                                                                                                       |                |
| <b>Freelance Penetration Tester — Private Clients</b>                                                                                                                                                                                                                                                                                                                                                                 | 2 yrs, ongoing |
| <ul style="list-style-type: none"><li>• Performed web application vulnerability assessments and penetration testing for private organizations and individuals</li><li>• Maintained continuous hands-on practice using DVWA, OWASP Juice Shop, Kali Linux, Burp Suite, and Nmap</li><li>• Documented findings and communicated technical results clearly to non-technical stakeholders</li></ul>                       |                |
| <b>Programmer — Multisonic Technologies</b>                                                                                                                                                                                                                                                                                                                                                                           | 2017 – 2018    |
| <ul style="list-style-type: none"><li>• Developed hardware/software prototypes in C++, C#, and Arduino, including height-measurement systems, LDR-based sensor alarms, surge protection systems, and intruder alarm systems</li><li>• Built an early foundation in programming, embedded systems, electronics, and automation — later carried into secure software development and OT/ICS security research</li></ul> |                |

## CYBERSECURITY PROJECTS

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| <b>Active Directory Attack Lab</b>                                                                                                                                                                                                                                                                                                                                                                                                                                | Authorized lab environment |
| <ul style="list-style-type: none"><li>• Built a controlled home lab (Domain Controller, Windows client VMs, Kali Linux attacker machine) with intentionally seeded misconfigurations</li><li>• Performed network and AD enumeration, Kerberoasting, credential weakness analysis, lateral movement, and privilege escalation, reaching a controlled path to Domain Admin</li><li>• Documented the full attack path and findings in a technical write-up</li></ul> |                            |
| <b>Secure Data Exchange API — FastAPI / PostgreSQL / Redis</b>                                                                                                                                                                                                                                                                                                                                                                                                    |                            |
| <ul style="list-style-type: none"><li>• Designed a secure API architecture with JWT authentication and Role-Based Access Control (RBAC)</li><li>• Integrated PostgreSQL and Redis for data persistence and session/token management; authentication completed through Phase 3</li></ul>                                                                                                                                                                           |                            |
| <b>JuiceAudit</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                            |
| <ul style="list-style-type: none"><li>• Built an automated OWASP Top 10 web application security assessment tool</li><li>• Streamlined vulnerability findings into structured penetration-testing reports</li></ul>                                                                                                                                                                                                                                               |                            |
| <b>OT/ICS Security Monitoring Concept</b>                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |
| <ul style="list-style-type: none"><li>• Modeled threat detection for OT/ICS environments using Wazuh and MITRE ATT&amp;CK for ICS</li><li>• Applied security monitoring and threat-intelligence concepts to industrial network scenarios</li></ul>                                                                                                                                                                                                                |                            |
| <b>Industrial Network Anomaly Detector (PortShield)</b>                                                                                                                                                                                                                                                                                                                                                                                                           |                            |
| <ul style="list-style-type: none"><li>• Built a detector for anomalous behavior in Modbus TCP traffic</li><li>• Demonstrated understanding of OT/ICS network monitoring, industrial protocols, and anomaly detection</li></ul>                                                                                                                                                                                                                                    |                            |

EDUCATION

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Postgraduate Diploma, Cybersecurity

Lead City University — Completed

Key coursework: Network Security & Defense, Vulnerability Assessment & Penetration Testing, Web Application Security, Ethical Hacking Methodologies, Incident Detection & Response

TECHNICAL SKILLS

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**Security Tools:** Nmap, Wireshark, Metasploit, Burp Suite, Kali Linux | **Practice Platforms:** DVWA, OWASP Juice Shop

**Programming:** C++, C#, Arduino, Python, HTML5, CSS3, JavaScript, Git/GitHub | **Systems & Networking:** Linux, Windows, TCP/IP, Firewalls & Segmentation.

**Security Monitoring:** Wazuh, MITRE ATT&CK.

CERTIFICATIONS / ADDITIONAL TRAINING

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Postgraduate Diploma in Cybersecurity

Continuous study in Penetration Testing, Web Application Security, and IT Security

LANGUAGES

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English — Fluent | Yoruba — Native