

ONYEDIKACHI .O. HENRY LEONARD

Cloud Test Specialist | Cloud Security & Automation Engineer

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Summary

I am a results-driven Cloud Test Specialist and Security Engineer with a strong background in cloud security testing and automation. I have successfully designed and implemented cloud testing strategies for AWS applications, focusing on automation and compliance. My skills include a deep understanding of CI/CD pipelines and performance testing, with a passion for advancing cloud technologies in a DevSecOps environment

Skills

Agile • AWS • AWS Cloud • AWS Lambda • Azure • Bash • Bluetooth • Confluence • Cybersecurity • Cypress • DevSecOps • Docker • Embedded System • Git • GitLab • IAM • IoT • ISO 27001 • Jenkins • JIRA • Kali • Kubernetes • Linux • Load Testing • Manual Testing • Metasploit • Microsoft Power BI • Nessus • Postman • Pytest • Python • Scrum • Selenium • SIEM • SQL • Terraform • Wireshark • Zigbee • Gmail • Kali Linux

Certification

ISC2 Certified in Cybersecurity (CC) — A certification demonstrating knowledge and skills in cybersecurity fundamentals

Google Data Analytics & AI Essentials Certificates — Certification providing insights into data analytics and AI concepts and tools

MasterCard Forage Job Simulation Certificate — Exposure to job-specific tasks and roles through simulated work experiences

Cybersecurity Certificate - Neo Cloud Technologies — Certificate focusing on key cybersecurity concepts and practices

Planned for 2025: CompTIA Security+, AWS Security Specialty, — Upcoming certifications planned to enhance expertise in security and AWS

CompTIA Network+

Experience

Neo Cloud Technologies Remote (Nigeria)
Cloud Security Engineer & Cloud Test Specialist 2023 - Present

A tech company focused on cloud security and automation solutions

- Designed and executed automated cloud testing strategies for AWS applications, covering functional, performance, security, and scalability testing
- Developed CI/CD-integrated test automation using Pytest, Cypress, and Postman to accelerate test cycles
- Conducted AWS environment testing, ensuring application compatibility, performance, and security compliance with ISO 27001 & GDPR
- Performed penetration testing, vulnerability assessments, and security audits to identify and mitigate risks
- Automated infrastructure testing using Terraform and AWS Lambda to validate secure deployments
- Implemented Xray for Jira for test management, tracking defects, and ensuring issue resolution in Agile sprints

Draug (AI/ML Research Project) Remote
Cybersecurity & AI Researcher 2024 - Present

A research initiative focused on artificial intelligence and machine learning for cybersecurity

- Designed an AI-driven security threat detection model using machine learning for cloud applications
- Conducted end-to-end system testing of AI security models, integrating automated performance & security testing pipelines
- Validated cloud-based AI solutions for scalability, latency, and compliance using AWS testing environments

Neo Cloud Technologies Remote
Cybersecurity Intern | Security Analyst 02/2023 - 08/2023

A tech company focusing on cloud security solutions

- Assisted in cloud security assessments and policy enforcement across AWS and Azure platforms
- Developed automated test cases for cloud access controls, API security, and IAM role validation
- Conducted manual & automated penetration testing for multi-cloud infrastructure

Education

Chukwuemeka Odumegwu Ojukwu University 09/2019 - 09/2023
BSc in Biochemistry

Key Achievements

🔧 **Cloud Test Automation Pipeline**
Developed CI/CD-integrated test scripts using Pytest & Cypress, reducing manual testing efforts by 60%

💡 **Zero Trust Cloud Security Implementation**
Designed a Zero Trust model for cloud security, validating security controls through automated test cases

🧠 **AWS Security Monitoring Tool**
Automated security testing and compliance checks using Terraform & AWS Lambda, reducing audit times by 50%

🔧 **IoT & Embedded System Testing**
Led system testing for IoT-based security solutions, validating Bluetooth, Zigbee, and DALI protocol security

Languages

English Native ●●●●●

Igbo Native ●●●●●

Nigerian Pidgin Native ●●●●●