

Frank Ago Lamptey

Cybersecurity Engineer

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PROFILE

I am an IT security specialist driven by research and continuous learning. I enjoy exploring emerging threats, conducting vulnerability assessments, and developing security solutions. At Hubtel Ghana, I focus on securing web, mobile, and API applications, while my experience at Fidelity Bank Ghana strengthened my skills in incident response. I thrive on solving complex security challenges, staying ahead of evolving threats, and contributing to a safer digital world.

PROFESSIONAL EXPERIENCE

Supervisor, Security Testing (Quality Assurance Engineer)

08/2023 – present

Hubtel Ghana Limited

Accra, Ghana

- Conducted penetration testing and vulnerability assessments on web, mobile, and API applications to identify security weaknesses.
- Performed risk assessments on identified vulnerabilities from both internal and external security evaluations.
- Provided guidance and support for remediation, mitigation, and retesting of vulnerabilities to ensure proper closure.
- Designed and continuously improved the security testing framework and strategies within the organization.
- Assisted in incident response by providing technical expertise on vulnerability exploitation when needed.
- Designed and executed performance, load, and stress tests to evaluate system scalability and reliability using tools like JMeter and Python's Locust Library.
- Developed and maintained automated performance and security testing scripts, constantly improving efficiency and coverage.

Security Operations Center Engineer

11/2021 – 08/2023

Fidelity Bank Ghana Limited

Accra, Ghana

- Agile Incident Response: Proactively triaged, investigated, and responded to security incidents using a SIEM solution for endpoint security management and bank-wide log analysis.
- Security Solution Orchestration: Resolved Linux deployment and management issues, achieving a 92% success rate in anti-virus and anti-malware management for 35,000+ devices.
- Automated Vulnerability Management: Led the automated detection and resolution of third-party vulnerable applications, improving detection rates by 65%.
- Compliance & Risk Management: Assisted in developing SOPs and incident response playbooks, increasing policy-level compliance by 70%.
- External Penetration Testing: Coordinated with Deloitte's penetration testing team, achieving a 70% compliance success rate.
- Vulnerability Assessment: Conducted internal vulnerability assessments to identify security risks before application and solution deployments.

SKILLS

- Vulnerability, Penetration and Risk Assessments.
- Incident Management (Incident response and Forensic Investigation)
- Python Programming and Javascript Programming
- Breach and Attack Simulation (AttackIQ & Caldera)
- Web and Mobile Development - Flutter and Dart, HTML, CSS, Javascript, PHP and Laravel Framework
- Tooling: Postman, Burpsuite, OWASP, Caldera, Kaspersky Endpoint Security, Portnox, Cisco ICE, Tenable Nessus.

CERTIFICATES

EC Council's Certified Ethical Hacker Practical (CEH Master)

ISC2 Certified in Cybersecurity

Computer Hacking Forensics Investigator (CHFI)

EC Council's Certified Ethical Hacker (CEH)

Google IT Automation with Python Certificate Program

IBM Certified Security Operations Analyst

Huawei Certified ICT Associate (HCIA: Routing and Switching)

Google IT Support Certificate.

Microsoft Azure Fundamentals

EDUCATION

Bachelor of Science in Computer Engineering
Kwame Nkrumah University of Science and Technology

09/2017 – 12/2021
Kumasi, Ghana

REFERENCES

Jewel Appiah, *Quality Assurance Engineer (Manager, Automation, Security and Performance Testing)*
jewel.appiah@hubtel.com, jewelappiah@gmail.com, 0242126400

Kwame Davour, *Former Security Operations Center Manager, Fidelity Bank Ghana Limited*
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