MOMANYI SAMUEL
SOFTWARE ENGINEER

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Hello,

I have a love for making at every step of the process. My joy comes from collaborating with others towards successful outcomes. During my free time, I draw, hike, listen to music, and learn through personal projects.

PROFESSIONAL SUMMARY

Developer and security enthusiast with 5 years of professional experience and a huge passion for open source. Specialized in developing, deploying, integrating, maintaining, monitoring and operating software on CI/CD architecture for on premise and multi-cloud infrastructure using legacy deployment tools, cloud tooling and container orchestration. Strong background in Automation, integration, security tooling and network security having studied, deployed, monitored and designed rulesets for various networks. Fast learner and consistently learning new technologies to expand skillset.

EXPERIENCE

Security Consultant - Serianu Limited

2018 - Present

Security tooling development(R&D), Automation and System Integration

- Built tooling for automation of repetitive tasks using Python and JavaScript
- Wrote code for a Cyber Intelligence collection, Aggregation and Analytics platform in REACTJS, NODEJS, PostgreSQL features: CMDB, notifications, and analytics.
- Built dashboards for visualizing application and network security events using REACTJS, NODEJS, PostgreSQL.
- Built Email Phishing tool to assist with social engineering
- Deploy configure integrate security tools and infrastructure onsite and on cloud - Security Onion (NIDS), Intrusion Detection System (IDS), SIEM - FORTISIEM.

Cyber Defense (Blue Team)

- Analyze computer systems and network traffic for signs of infection or compromise
- Monitoring, analysis of, and maintenance of the SIEM
- Participating in recovery on security incidents
- Communicating security issues to a wide variety of internal and external audiences to include technical teams, executives, risk groups, vendors and regulators
- Participating in the Intelligence Analysis process
- Reviewing changes to security rule sets
- Monitor and investigate network and system events to preemptively determine attacks

Penetration Testing and Vulnerability Assessment Testing

- Performed onsite and remote penetration testing, vulnerability assessment.
- Carried out automated and procedural application security assessments, network security assessments and Social Engineering for various clients.
- Performed security awareness training using social engineering.
- Performed security reviews of application designs and source code review
- Created vulnerability repositories, trackers and remediation roadmaps of vulnerabilities.
- Generated technical and executive level reports on security vulnerabilities to external customers

Frontend Engineer – Yauro Software

July 2015 - December 2017

- Wrote code for a revenue assurance analytics and reporting solution in AngularJS. features: Analytics Dashboard.

EDUCATION

Graduated BSC Computer Science

Egerton University, Njoro - December 2012.

MAJOR: SOFTWARE ENGINEERING

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Chief Technology Officer | Afro Atlas Limited