

Joseph Sellu

SECURITY ADMINISTRATOR

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Objective

An ambitious individual with strong organizational and multitasking skills and an aptitude for technology. Ready to apply knowledge and skills to any challenge. I have about a decade of experience in the technological field, from software development to network configuration and troubleshooting. I also volunteered to offer ICT-based lectures at the University of Lunsar - Sierra Leone for 2 months.

Experience

Rowan University | Security Administrator

March 2024- Present

- I utilize the use of Microsoft Kusto Language (KQL) to extract and analyze data for security monitoring and incident response
- Make use of security advance firewalls like palo alto for managing and responding to incidents
- Maintain and develop automation scripts to streamline security processes and enhance system efficiency
- I respond to security alerts and incidents by making use of the various tools available and threat hunting using the KQL language
- Create and comprehend detailed reports using tenable
- Set up comprehensive vulnerability scans and maintain seamless data collection from various assets
- Work with other security teams to manage and communicate findings and develop mitigation strategies
- Create security diagrams
- Create and maintain security documentation

Rowan University | Security Analyst (Intern)

2022-2024

- Organize and write technical procedures.
- Write and implement automation scripts.
- Scan and analyze intelligent network devices.
- Monitor network activities.
- Sentinel incident reporting.
- Security operations
- Perform risk assessments and execute tests of the data processing system to ensure the functioning of data processing activities and security measures.
- Identify potential threats and vulnerabilities in networks and systems.
- Investigated security incidents by collecting relevant evidence from system logs.
- Create Tenable Vulnerability reports.

Python Programmer | Openpath LLC - Remote

2018-2022

- Utilized object-oriented programming techniques to optimize code performance.

- Deployed software upgrades for custom software applications using XML.
- Writing reusable, testable, and efficient code
- Design and implementation of low-latency, high-availability, and performance applications.
- in Splunk
- Integration of user-facing elements developed by front-end developers with server-side logic.
- Implementation of security and data protection
- Integration of data storage solutions
- Optimized queries for better performance by utilizing indexing techniques in SQL Server 2012 and 2014 databases.
- Tutoring introduction to python programming

Mobile Application Developer | Directorate of Science & technology (Intern)

2019

- Designing mobile apps for the Government of Sierra Leone using a mix of Flutter, Python, HTML and CSS
- Documentation
- Data gathering, planning, and design.

**Technical Support Engineer | Microsoft External Employee
Wicresoft- Shanghai**

2020

- Support with Office365
- Assist with Exchange Online Data Migration and Security
- Write PowerShell scripts for automation and troubleshooting.

ICT Support Engineer | UNDP (SICU) Unit, Copenhagen Denmark- Intern

2021

- Assist in providing advisory support to UNDP country offices to implement stable and robust ICT infrastructure through satellite services, firewall services, and Innovative ICT solutions.
- Help maintain and support Connectivity monitoring – SNMP.
- Assist in promoting testing and working with Cloud solutions- Cisco Meraki
- Assist in developing and implementing a cloud-based unified communication system.
- Assisting the unit in the organization's internal and external conferences
- Assist in the promotion of the overall ICT policy framework and work plan of the ILOMT regarding minimum ICT standards, infrastructure, and connectivity dimensions.
- Assist in organizing webinars and presenting in-house developed ICT solutions to country offices.
- Assist with the service management models including ITIL best practices, service desk, and service catalog.
- Contribute to the drafting of quality-oriented training materials, procedures, instructions, and templates based on best practices and disseminate them via a community of practice.

Information Technology System Engineer | Insight Technologies (SL) Ltd

2014- 2020

- Develop system architecture from baseline to completion.
- Design application security and architecture.
- Interact with internal users and customers to ensure quality requirements for development.
- Develop and produce business requirement documentation.
- Interact with various software vendors to help identify the best practices for clients.
- Collaborate with in-house or contract-based programmers during system development.

- Develop process flow for design components.
- Mentor and Train Staff on System deployment, usage, and maintenance network design and implementation.

Education

Rowan University MS Cybersecurity Cybersecurity	2022 - 2024
Huazhong University of Science and Technology Information Communications Engineering	2018 - 2020
Njala University BSc. Honors Computer Science	2010 - 2015

Skills & abilities

- Troubleshooting Windows and Linux systems
- MySQL
- Excel
- Data Analysis with Python
- GIT
- Configuration and troubleshooting
- Deployment of Cisco Networking devices
- Scripting and Automation
- Kusto Query Language
- Flutter mobile application
- Problem-solving
- Documentation
- Tenable Vulnerability management
- Microsoft Sentinel
- Python
- PowerShell

Certifications

- CCNA
- Google Python Automation
- Introduction to UNIX/LINUX Networking Concept
- Microsoft Sentinel Ninja
- Cyber Security (CC- ISC2)
- CompTIA Security+ Certification Prep Course
- Microsoft Security Operations Analyst (SC-200T00)

Training(s)

- Microsoft Security Analyst
- Tenable
- AWS Cloud Practitioner Essentials
- Splunk (beginner)

- Threat Detection and Response
- Comptia Security Certification
- NJIT Cybersecurity Bootcamp
- Cybersecurity Certification (CC)
- System Security Certified Practitioner (SSCP)

Projects

- Localization Tracking App using Flutter.
- Data extraction from IoT devices - Smart Health Care (UNDP) -Denmark
- Asset Management System – Anti Corruption Agency (Sierra Leone)
- Appointment Application (Flutter) - Intern Project
- Diabetes Prediction Using Machine Learning Technique
- Cellular Network Prediction using Time series.
- Network Installation and Configuration- IMF (Freetown Office)
- Network and CCTV installation/configuration - MOFAIC.
- IT Support in developing a Billing System for National Water Supply Company (GUMA VALLEY WATER COMPANY) with partners from Cyprus-HydroCom Enterprises (2014)
- Implementation of Project Tracking Tool Kit for the Ministry of Finance and Economic Development (MoFED)
- Supported in the Network Installations (LAN) at the UNICEF premise- Special Court, New England, Freetown (2015)
- Deploying UNDP OneICTBox (Mini Data Center) to the UNDP Freetown office (Sierra Leone)

Referees

- Dominic Lamin – Managing Partner (Insight Technologies (SL) Ltd
- Ama Gborie – Project Specialist (Public Private Partnership- Freetown)
- George Sellu – Agriculture and Natural Sciences – (UC Davis) - Dean

