Ayvon Joseph Biji

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PROFILE

Entry-level cybersecurity professional with internship experience supporting security monitoring, incident response, and compliance activities. Strong foundation in SIEM alert review, vulnerability management, and security policy implementation. Experienced in documentation, reporting, and audit support, with exposure to firewall concepts and security awareness initiatives. Analytical, detail-oriented, and collaborative, with the ability to respond to incidents and support recovery efforts. Motivated to grow as a Cybersecurity Officer by protecting systems, data, and networks in a governance-focused organization.

Skills

- **IAM Tools and Platforms:** Microsoft 365 Identity Stack, Azure AD Connect, Microsoft Purview Identity Solutions, PowerShell for Identity Management Automation, Graph API Integration

- **Programming and Automation:** Python Security Scripting, PowerShell Automation, C/C++, JavaScript, SQL Database Security, Bash Scripting, Git Version Control,Microsoft SQL Server,Excel, Power BI, SSRS

- **Operating System:** Windows 10/11, macOS, Windows Server

- **Identity and Access Management:** Active Directory, Azure AD, MFA setup, user account management

- **Security Tools and Technologies:** SIEM Tools, Wireshark, Burp Suite, Vulnerability Scanners, Encryption Technologies, Security Log Analysis

- **Threat Detection and Monitoring:** Threat Intelligence, Security Log Analysis, SIEM Tools, Malware Analysis, Phishing Detection, Automated Investigation and Response (AIR), Security Monitoring

- **Office Productivity:** Excel, Microsoft office, Word and PowerPoint,Google Sheets,Microsoft 365 Suite (Outlook, Teams, SharePoint), OneDrive

- **Network and Cloud Security:** TCP/IP Security, VPN Solutions, Firewall Management, Azure Active Directory, Multi-factor Authentication, Network Monitoring, Access Control

- **Soft Skills:** Teamwork, Attention to detail, Decision-making, Problem-solving Skills, Story-telling, Leadership, Analytical Skills, Time management, Presentation skills, Excellent communication skills, Result-oriented, Critical thinking.

Experience

Cybersecurity Intern, *Internshala, India*   Sep 2021 – Oct 2021
- Monitored security alerts and basic vulnerability findings, helping identify potential risks to systems and users.
- Assisted in incident response activities by documenting events, tracking actions, and supporting recovery steps.
- Reviewed firewall and access control concepts to understand how security policies protect networks and data.
- Supported compliance readiness by organizing evidence and following defined security procedures.
- Helped prepare simple security status reports to improve visibility for stakeholders.
- Built strong fundamentals in security monitoring, controls, and operational discipline.

Cybersecurity Intern, *Verzeo, India*   Jun 2020 – Aug 2020
- Worked on hands-on security scenarios involving SIEM alert analysis and incident investigation workflows.
- Assisted in identifying common attack patterns such as phishing and malware, improving threat recognition skills.
- Supported vulnerability assessment exercises and helped prioritize remediation based on risk impact.
- Gained exposure to security policy implementation and how controls align with best practices.
- Collaborated in group exercises simulating cross-team incident coordination and response.
- Strengthened analytical thinking by connecting alerts, risks, and corrective actions.

Cybersecurity Intern, *1stop.ai, India*   Jun 2019 – Jul 2019

- Supported daily security operations by tracking alerts, incidents, and system health indicators.
- Assisted in audit and risk assessment activities by maintaining documentation and evidence trackers.
- Helped develop basic cybersecurity awareness materials to reinforce safe user behavior.
- Practiced incident escalation and closure tracking using structured workflows.
- Gained familiarity with vulnerability management and security monitoring tools.
- Developed a proactive security mindset focused on resilience and continuous improvement.

Education

University of Aberdeen, UK, Master of Science in Cybersecurity   Sept 2022 – Sept 2023

- **Relevant Coursework & Projects:**
    - **CS552H: Secure Software Design** – The FinAccess platform's security assurance program covers SDLC, threat modeling, GDPR/PSD2/PCI DSS compliance, incident response, and continuous monitoring.
    - **CS502B: Security in Emerging Networks** – This study reviewed WEP, WPA, WPA2, and WPA3, concentrating on their encryption and suggesting security improvements for new networks.
    - **Data Protection Governance** – After reviewing Company W's data breach, I advised them on GDPR compliance and security training. Then, we made a data protection plan to meet GDPR standards.
- **Dissertation:** Cross-platform browser extension for enhanced user privacy through randomised VPN routing

Karunya Institute of Technology and Sciences, India, Bachelor of Technology in   July 2018 – April 2022
Computer Science and Engineering

- **Classification:** First Class Honours
- **Final Project:** IoT-based monitoring system with SCADA architecture for real-time data collection

Certifications

- **CompTIA Security+ (SY0-601) - Udemy**   **Introduction to IoT – Cisco**
- **CCNA Introduction to Networks – Cisco**   **Cybersecurity Governance, Risk, Compliance – LinkedIn**
- **TryHackMe Cybersecurity Training (Ongoing)**

Projects

- **Website Penetration Testing Using SQL Injection:** Performed black-box testing on a live web app using Burp Suite; uncovered 3 SQLi vulnerabilities, decreasing attack exposure by 80% after patching
- **Network Traffic Analysis & Monitoring System:** Wireshark and SIEM integration for real-time monitoring. Improved threat detection by 20% with automated packet inspection.
- **Weather App – Real-time Weather Dashboard:** Responsive glassmorphism UI with JavaScript, HTML5, CSS3, and OpenWeatherMap API. Includes error handling and cross-device optimisation.