THARAKA DISSANAYAKA

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Rajagiriya,Colombo,Sri Lanka

SENIOR SECURITY & SYSTEM ENGINEER

Results-oriented Security Engineer with over 7 years of experience managing enterprise infrastructure, endpoint security (EDR/XDR), and network defense. Expert in deploying SentinelOne and SonicWall/Fortinet solutions to enforce Zero Trust principles. Proven track record in vulnerability management using AlienVault OSSIM and Wireshark. Skilled in cloud infrastructure automation (Terraform, Ansible) and incident response. Certified in ISC2 CC, CCNA,GAIL and Azure Fundamentals.

STRENGTHS AND EXPERTISE

ERP : Microsoft Dynamics 365
Security: SentinelOne EDR, ESET, Firewall Configuration (Fortinet & SonicWall)
Infrastructure: Windows Server (2016–2022), Active Directory, DNS, GPO, WSUS

Cloud Platforms: GCP & Azure
Project Coordination: IT Infrastructure Implementation & Vendor Management
Virtualization: VMware ESXi 7, Hyper-V
Networking: Cisco,Ruckus Routing & Switching, VPNs, VLANs, Network Design

Backup & Recovery: NAKIVO, QSAN, SQL Backup, Snapshots, DR Setup
Security Operations: PRTG, Wireshark, AlienVault OSSIM (SIEM)
Collaboration & Admin: Google & Zoho Workspace Administration.

PROFESSIONAL EXPERIENCE

Chesmi Consolidated (Pvt) Ltd.   **February 2020 - Present**
Senior Systems and Security Engineer

- Manages and implements Microsoft Dynamics NAV ERP,Power BI, QuickBooks Premier 2021 (Cloud), and MS SQL 2019 in a hybrid environment.
- Familiar with GCP & Azure infrastructure, including virtual machines, virtual networks, resource groups, and RBAC.
- Proactively enhances cybersecurity by managing and monitoring SentinelOne EDR for advanced threat detection and response, while also overseeing the implementation and administration of advanced endpoint security measures; leverage network monitoring tools like PRTG, Wireshark, and Aliavult OSSIM to monitor events and vulnerabilities, and concurrently manage Google Workspace operations and security services.
- Manages Windows Servers 2019, 2022, and 2016, as well as VMware ESXi v7, establish backup, Network Attached Storage (QSAN), and disaster recovery procedures.
- Manage Google Workspace security settings and access logs to prevent unauthorized data exfiltration.
- Administer Microsoft Active Directory, enforcing strict Group Policies (GPO) and Role-Based Access Control (RBAC) to ensure least-privilege access.
- Coordinate system maintenance contracts, domain renewals, and web hosting for company sites.
- Experienced in configuring and maintaining firewalls (SonicWall, Fortinet) and secure VPN solutions to support remote connectivity and enterprise network protection.

Chelcey Solutions (pvt) Ltd.   **December 2022 - Present**
Tech Lead - consultant

- Led technical team to provide customized solutions for clients, ensuring client satisfaction and retention.
- Developed and implemented infrastructure security measures, enhancing data protection for clients.
- Guided and mentored team members to improve technical skills and efficiency.

Taphouse by RnR   **February 2020 - March 2022**
Information Technology Technical Support - Part-Time

- Implemented and managed ZinCat POS system. Administered printers, desktops, LAN networks, and CCTV systems.

Nation Lanka Finance PLC   **November 2018 - February 2020**
Information Technology Assistant

- Administered ESET Endpoint Server and Management Console. Provided support for printers, desktops, LAN networks, CCTV, and IT supplies. Troubleshot hardware and software issues while assisting end-users

EDUCATION

Asia e University Malaysia
Executive Master of Science in Information Security (EMSc IS) - Reading

National Institute of Business Management (NIBM)
Diploma in Network Engineering

Turnkey IT Campus
Certificate Course in Linux Network Administration

CERTIFICATIONS

- CompTIA Security+ - Reading
- Google Cloud Associate Cloud Engineer - Reading
- Google Generative AI Leader
- Certified Network Security Practitioner (CNSP)
- Certified in Cybersecurity, ISC2
- ACE Multi-cloud Network Associate
- CCNA
- Microsoft Certified: Azure Fundamentals (AZ-900)
- CyberOps Associate, CISCO
- Google Cyber Security Professional
- DevNet Associate,CISCO & Network Security, CISCO
- NSE 1, 2 & 3 Network Security Associate, FORTINET

KEY PROJECTS

- **IT Service & Asset Management (ITSM) Platform:**
Developed an internal ITSM/ITAM system to streamline IT operations with self-service portals, automation, and secure cloud hosting. Built using AppSheet and Google Cloud.
- **Security Awareness Training Platform:**
Developed a gamified cybersecurity training platform using Node.js, Express.js, PostgreSQL (Supabase), and Vanilla JS. Deployed on Vercel with CI/CD pipeline integration.
- **SonicWall Firewall and SentinelOne EDR Upgrade:**
Upgraded SonicWall Firewall (TZ-300 to TZ-370) and implemented SentinelOne EDR/XDR, improving endpoint protection and network security.
- **Data Center Server Migration and Infrastructure Enhancement:**
Migrated legacy servers to Dell R440 with VMware ESXi 7, NAS-based backup, SonicWall security, and AD-based authentication integration.
- **CRM System :**
Built a Google AppSheet CRM system to manage retailer and distributor relationships, sales force automation, and analytics for Chesmi Consolidated.
- **Modern Smart Home Project:**
Supervised smart home infrastructure setup with Rucks APs, Cisco Meraki, Hikvision CCTV, Avaya PABX, and Molex Fiber solutions.

REFERENCES

Mr. Yushan Jayasuriya
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