Samuel Lundy

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PROFESSIONAL SUMMARY

Self-motivated & team-oriented Network Engineer with a variety of hands-on practical knowledge and experience with Enterprise IT environments. Broad understanding of various technologies and platforms including advanced knowledge with Enterprise networks and Cloud technologies.

TECHNICAL SKILLS

Advanced Networking Protocol Configuration, Design, and Troubleshooting:
Proven and reliable theoretical and practical knowledge with all facets of enterprise networking, from routing and switching to device configuration, wireless implementation, network design and architecture. Holistic approach to network troubleshooting independent from specific vendors.

Security and Firewall Administration and Configuration:
Experience with many Firewall platforms including Palo Alto, Fortinet, Meraki, ASA/ASAv, Checkpoint, and Sonicwall. Numerous Security technologies and SIEM platforms including Cisco ISE, Umbrella, Splunk, AlienVault, and more. Securing and managing VPNs including hub and spoke designs, IPsec, Client VPN, and Cloud VPNs. Encryption methods and PKI infrastructure with certificates, keys, and secret management.

Cloud Security and Network Engineering:
In-depth Cloud platform engineering and development with AWS and Azure including securing and deploying cloud services and resources, Azure AD administration, least-privilege role based access control, identity access management (IAM), Virtual Networks and Firewall appliances, application deployment and load balancing, containerization and cloud database operations.

Automating and Programming Enterprise Networks:
Hands-on experience automating tasks using Python, REST/NETCONF APIs, Yang models and interpreting XML/JSON formats to automate enterprise network configurations. Infrastructure as code using Terraform with Azure and AWS.

Continuous Integration and Development Agile Practices:
Strong familiarity of continuous development practices utilizing GIT and change review processes to implement changes in production and development environments. Centralized code processes in Azure DevOps, sprint planning incorporating deliverables and measurable goals for tasks.

CERTIFICATIONS

- Cisco Certified Network Professional Enterprise (CCNP)   Completed: June 2022

- Cisco Certified DevNet Specialist –   Completed: June 2022
  Enterprise Automation and Programmability

- Azure Security Engineer Associate   Completed: July 2022

- Azure Network Engineer Associate   Completed: July 2022

- AWS Certified Solutions Architect Associate   Completed: August 2022

- HashiCorp Certified: Terraform Associate   Completed: September 2022

PROFESIONAL EXPERIENCE

Microsoft via TEKsystems – Remote
Network Security Engineer – Commerce Infrastructure Network Team (COMNET)
February 2021 – Current

- Managed and maintained the highly secure, hyper redundant on-prem network infrastructure that serves the pathway for all of Microsoft's financial transactions including across Xbox, Azure and Commerce sectors.
- Support of internal MS partner teams by configuring advanced firewall ACLs and BGP routing to provide secure paths to various destination servers and load balancers.
- Decommissions of existing on-prem network devices in an effort to migrate existing payments and commerce infrastructure to Azure.
- Notable projects include: Full datacenter migration for the internal management network, Identifying PCI vulnerabilities and performing audits on all managed network devices, Complete diagram update and inventory refresh across all managed DCs, Merging of existing Fortinet policy sets to streamline future policy configurations.

Kovarus, Inc. – Remote
Managed Services Network Engineer
December 2018 – January 2021

- Helped build out a Managed Services offering for a traditional professional services VAR. Served as primary engineer for 5 different Enterprise customers operating in various sectors from BioTech to Finance.
- Provided Tier 3 and 4 Level assistance to both Networking and Systems Incidents and Service Requests for many different technologies and severities with a high level of SLA/SLO requirements and a focus on customer satisfaction.
- Experience with high priority issue management and 'Site Down' situations and escalations to business owners.
- Network Engineering experience configuring, troubleshooting, and consulting for various Networking/Security platforms and technologies.

Cisco Systems, Inc. – San Francisco, CA
Network Support Engineer – Meraki
July 2017 – December 2018

- Enterprise network support and troubleshooting for a full range of Cloud-based products including Firewalls, Switches, Access Points, Cameras, MDM, and Phones.
- Advanced troubleshooting of multiple network protocols and systems such as SD-WAN and Site-to-Site/Client VPNs, NAT, Layer 2/3 switching and routing environments, Load Balancing, Firewall implementation and failover, high-availability, DNS, DHCP, expert level wireless troubleshooting, and much more.
- Providing customer support via phone and email cases with a high closure and satisfaction rate.
- Acting as the intermediary between the customer and Engineering/Development departments to provide fixes for various bugs and resolving known issues through Jira.
- Highly skilled at collecting troubleshooting evidence as well as taking packet captures and utilizing WireShark to analyze traffic flows.

Bill & Melinda Gates Foundation – Seattle, WA
Desktop Support Analyst
December 2015 – June 2017

- Network support and port configuration with Cisco and Juniper switches, Wireless Access Points, Direct Access, Remote Desktop, and VPNs.
- Enterprise level support in a highly complex environment with a few thousand users providing troubleshooting and remediation for Tier 1-3 tickets.
- Hands-on experience with various Enterprise technologies such as Exchange, O365, Okta, and Airwatch.
- Desktop support including Laptops, Desktops, Surface Tablets, and many other peripherals.

EDUCATION

- **Institution:** Highline College
  Completed: August 2015

  Associates of Applied Science (AAS) Network Security Engineer

  Associates of Applied Science (AAS) Digital Forensics

  Summary: Studied Digital Forensics techniques and best practices in a classroom environment, as well as a full year of in-depth networking theory and practical solutions through Cisco Networking Academy. Received an award from the Pure and Applied Sciences division on May 14th, 2014 for outstanding performance in digital forensics.

- **Institution:** Western Governor's University
  Bachelor of Science (BS) IT Security

  Summary: Enrolled in a competitive and technically based undergraduate program earning a Bachelor of Science (BS) in IT Security.