

Elias Wilson

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SUMMARY

Results-driven Cisco Network Engineer with over 5 years managing and maintaining complex network infrastructures. Proven expertise in troubleshooting network outages, optimizing performance, and ensuring robust security. Strong background in configuring and tuning Palo Alto firewalls, complemented by a solid understanding of Cisco routing and switching technologies. Passionate about collaborating with cross-functional teams to deliver high-quality network solutions that align with business objectives. Exceptional ability in developing and implementing strategic plans that enhance system reliability and user satisfaction.

EXPERIENCE

Senior Network Engineer

January 2021 - Present

Network Solutions Corp

Pittsburgh, PA

Oversaw and optimized network infrastructure supporting critical services. Led troubleshooting and recovery efforts during outages, achieving minimal downtime while consistently enhancing security protocols and overall network performance.

- Led responses to network outages, successfully restoring services and minimizing disruptions.
- Configured and fine-tuned Palo Alto firewall changes, significantly enhancing threat management capabilities.
- Monitored network throughput using cutting-edge analytics tools, driving efficient operations and enhancements.
- Managed compliance with industry standards leading to a marked decrease in security incidents.
- Worked closely with IT teams to refine network architecture, improving data accessibility for operational units.
- Created user-friendly documentation that streamlined onboarding processes for new engineers.

Network Engineer

June 2016 - December 2020

Tech Innovations LLC

Cleveland, OH

Contributed as an integral part of the engineering team focused on network maintenance and upgrades, fostering improved service delivery through proactive monitoring and performance optimization.

- Spearheaded network reliability initiatives by regularly updating configurations on Cisco routers and switches.
- Executed performance assessments, achieving notable latency improvements that bolstered user experience.
- Utilized troubleshooting methodologies to diagnose network failures swiftly, ensuring minimal impact on service availability.
- Compiled comprehensive reports documenting security threats and network performance, guiding future planning strategies.
- Engaged in training programs to enhance team skillsets and adapt to latest technological advancements.
- Participated in strategic network upgrade discussions leading to modernized infrastructure and service improvements.

Junior Network Engineer

May 2015 - May 2016

Innovative Tech Group

Youngstown, OH

Assisted senior engineers in daily network administration functions, gaining valuable hands-on experience and contributing effectively to the team's goals.

- Supported settings and procedures crucial for maintaining network security across organizational frameworks.
- Acknowledged and resolved real-time technical issues via collaborative fault isolation tactics.
- Documented configuration changes diligently to uphold clarity in network modifications.
- Limited exposure to advanced network systems while learning to collaborate seamlessly within project teams.
- Attended skill-enhancement workshops exploring network optimization techniques.
- Maintained strong communication with colleagues to ensure cohesive operational success.

LEADERSHIP & AWARDS

- Employee of the Month, June 2022 at Network Solutions Corp for exceptional crisis management during major outages.
- Recognized for Outstanding Leadership in 2023 by Tech Innovations LLC for improving team dynamics and project execution.

EDUCATION

Bachelor's Degree in Information Technology

2015

University of Pittsburgh GPA: 3.5

Pittsburgh, PA

Coursework: Networking Basics, Security Protocols, Systems Administration, Database Management

CERTIFICATIONS

- Cisco Certified Network Associate (CCNA) 📅 2020

- Palo Alto Networks Certified Network Security Engineer (PCNSE) 📅 2021

TECHNICAL SKILLS

- **Network Monitoring Tools:** SolarWinds, Nagios, Wireshark
- **Security Frameworks:** NIST, ISO 27001, CIS Controls
- **Routing Protocols:** OSPF, BGP, EIGRP
- **Operating Systems:** Cisco IOS, Windows Server, Linux
- **Firewalls:** Palo Alto, Cisco ASA, Fortinet
- **Project Management Tools:** Trello, Asana, JIRA
- **Cloud Technologies:** AWS, Azure, Google Cloud
- **Scripting Languages:** Python, Bash, PowerShell
- **Communication Tools:** Slack, Microsoft Teams, Zoom
- **Compliance Standards:** GDPR, HIPAA, PCI-DSS

SKILLS

- Cisco Routers & Switches
- Palo Alto Firewalls
- Network Administration
- Network Security
- Performance Monitoring
- Troubleshooting
- Technical Documentation
- Collaboration Tools
- Data Analysis
- Firewall Configuration
- Infrastructure Upgrades
- Risk Management
- Protocol Configuration
- Network Design
- Incident Response

PROFESSIONAL AFFILIATIONS

- Member of the IEEE Networking Society since 2017, participating in professional development and networking events.
- Volunteer instructor at local community college offering networking foundations classes to aspiring IT professionals.

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST