



Jonathan Hail

Senior Network/Systems Tools Engineer

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SUMMARY

Experienced Senior Network/Systems Tools Engineer with over 16 years in system architecture design, performance optimization, and data management. Expertise in implementing secure, scalable solutions for network operations. Recognized for collaborative problem-solving tendencies and analytical skills that drive impactful results across complex technical environments. Proven track record with REST API integrations, container technologies like Kubernetes, and coordinating with cross-departmental teams to streamline workflows and enhance overall compliance. Committed to contributing expertise necessary for driving operational excellence in innovative IT landscapes.

EXPERIENCE

Senior Network/Systems Engineer

Advanced Networks Solutions 📅 March 2021 - Present 📍 Santa Fe, NM

Lead a senior engineering team responsible for tailored network configurations and innovations, impacting resilience and security levels. Oversaw the transformations for major network operations enhancing long-term strategic goals.

- Designed robust network management frameworks that enhanced security measures and achieved operational uptime improvements.
- Automated critical maintenance processes through Python scripting, significantly reducing manual workload and increasing team efficiency.
- Facilitated API integration projects connecting disparate systems, resulting in seamless data flow and heightened interoperability.
- Instituted proactive monitoring processes which mitigated system bottlenecks effectively, ensuring high responsive performance.
- Actively collaborated with stakeholders to uphold strict compliance throughout audits, maintaining a flawless compliance record.
- Develop comprehensive documentation contributing towards streamlined onboarding for new staff within the engineering department.

Network Engineer

Tech Innovations LLC 📅 June 2016 - February 2021 📍 Rio Rancho, NM

Drove the successful implementation of containerized solutions while supporting enterprise-wide network enhancements through consultation.

- Implemented progressive containerized deployment strategies utilizing Kubernetes, enabling swift scaling under load demands.
- Guided junior engineers on best practice security guidelines, therefore fostering a robust culture of compliance and varied roles.
- Devised troubleshooting protocols leading toward an impressive first-contact resolution rate, fortifying user satisfaction metrics.
- Managed data integration tasks optimizing timely access across key applications while enhancing operational reporting accuracy.
- Shared insights during cross-department initiatives improving resource allocation ultimately reducing unnecessary costs.
- Promoted collaboration during interdepartmental activities, showcasing leadership capabilities regarding technology upgrades.

Network Administrator

Future Tech Solutions 📅 January 2014 - May 2016 📍 Albuquerque, NM

Executed installation, oversight, and optimization of Linux-based networks, ensuring their reach across diverse applications.

- Effectively handled Linux environment operational needs, promoting optimal service delivery under tight schedules.

STRENGTHS

- 💡 **Expert Problem Solver**
Quickly analyzes technical roadblocks, developing logical solutions based on systematic troubleshooting strategies.
- 👥 **Collaborative Team Player**
Prioritizes teamwork, working closely with peers and stakeholders to achieve common goals and enhance productivity.
- 🔄 **Agile Thinker**
Capably adjusts approaches based on project dynamics, demonstrating flexibility in politically intriguing scenarios.
- ✅ **Detail-Oriented Operator**
Follows precise specifications to ensure every aspect of network implementations is thoroughly documented and analyzed.
- ⚙️ **Tech-savvy Innovator**
Embraces technological advancements and implements them proficiently to improve service quality and optimize processes.

SKILLS

Network Architecture

Container Orchestration

Linux Administration

API Development

Performance Monitoring

Data Management

Troubleshooting Analysis

Documentation Skills

[Automation Scripting](#)

[Technical Mentoring](#)

[Compliance Verification](#)

[Cross-Functional Collaboration](#)

[Project Coordination](#)

[Capacity Planning](#)

[Network Security Practices](#)

LANGUAGES

English Native

Spanish Proficient

MY CAREER



● Senior Network/Systems Engineer at Advanced Networks Solutions (5.3 Years)

● Network Engineer at Tech Innovations LLC (4.7 Years)

● Network Administrator at Future Tech Solutions (2.3 Years)

- Streamlined reporting mechanisms via automation, achieving significant reductions in time spent on manual entries.
- Supported the development of infrastructure plans aligning with future capacities enabling efficient project kickoffs.
- Directed team training sessions equipping employees with crucial skills leading into improved performance metrics across benchmarks.
- Maintained technological relationships nurturing vendor collaboration to resolve any issues pragmatically enhancing uptime reliability.
- Curated documents for capturing operational details creating a significant reference point for ongoing management.

LEADERSHIP & AWARDS

- Awarded Employee of the Year for 2022 at Advanced Networks Solutions due to exceptional leadership in network optimization.
- Recognized by Tech Innovations LLC for outstanding mentorship contributions which improved junior staff performance.

EDUCATION

Bachelor's Degree in Computer Science

University of New Mexico 🎓 GPA: 3.7 📅 2010 📍 Albuquerque, NM

Coursework: *Networking, Programming, Data Structures, Database Management*

CERTIFICATIONS

- DoD 8140 IAT Level 2 Compliance Certification 📅 2020
- Kubernetes Administrator Certification 📅 2021
- Linux Professional Institute Certification (LPIC-1) 📅 2018

TECHNICAL SKILLS

- **Operating Systems:** Linux, RHEL, CentOS
- **Containers & Orchestration:** Kubernetes, Docker, OpenShift
- **Scripting Languages:** Python, Ansible, PowerShell
- **Networking Protocols:** TCP/IP, BGP, OSPF
- **Monitoring Tools:** Nagios, Zabbix, Grafana
- **API Standards:** REST, SOAP, JSON
- **Version Control Systems:** Git, SVN, Mercurial
- **Cloud Platforms:** AWS, Google Cloud, Azure
- **Database Management:** MySQL, PostgreSQL, MongoDB
- **Security Compliance Frameworks:** NIST, ISO 27001, HIPAA

PROFESSIONAL AFFILIATIONS

- Member of the IEEE Computer Society, engaging in conferences to remain updated on industry advancements.
- Active participant in local tech community events focusing on cybersecurity trends and technologies.

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST