

# Jonathan Hail

## Senior Network/Systems Tools Engineer

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### SUMMARY

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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

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#### 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.
- 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

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- 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

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#### Bachelor's Degree in Computer Science

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

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

### CERTIFICATIONS

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- DoD 8140 IAT Level 2 Compliance Certification 📅 2020
- Kubernetes Administrator Certification 📅 2021

- Linux Professional Institute Certification (LPIC-1) 📅 2018

## TECHNICAL SKILLS

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- **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

## SKILLS

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- Network Architecture
- Performance Monitoring
- Automation Scripting
- Project Coordination
- Container Orchestration
- Data Management
- Technical Mentoring
- Capacity Planning
- Linux Administration
- Troubleshooting Analysis
- Compliance Verification
- Network Security Practices
- API Development
- Documentation Skills
- Cross-Functional Collaboration

## PROFESSIONAL AFFILIATIONS

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- 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.

## LANGUAGES

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- English (Native)
- Spanish (Proficient)

## ADDITIONAL INFORMATION

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

## REFERENCES

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AVAILABLE ON REQUEST