

John Roland

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Texas

Summary

Highly accomplished and results-oriented Networking Engineer with over 15 years of experience in designing, implementing, and managing complex enterprise-level network infrastructures. Proven expertise in optimizing network performance, ensuring robust security, and leading cross-functional teams. Seeking to leverage advanced technical skills and strategic vision to drive innovation and efficiency in a challenging environment.

Experience

Senior Network Architect Global Tech Solutions Dallas, TX 2018 - Present

- Led the architectural design and implementation of a new global SDN (Software-Defined Networking) framework, improving network agility and reducing operational costs by 20%.
- Managed a team of 10 network engineers, providing technical guidance, mentorship, and performance evaluations.
- Designed and deployed robust security protocols, including next-generation firewalls, IDS/IPS, and VPN solutions, resulting in zero major security breaches.
- Optimized network performance across 5+ data centers, reducing latency by 15% and increasing throughput by 25% through advanced routing and switching configurations (BGP, OSPF, MPLS).
- Developed and implemented comprehensive disaster recovery plans for network infrastructure, ensuring business continuity with minimal downtime.

Principal Network Engineer Connect Innovations Inc. Austin, TX 2012 - 2018

- Spearheaded the migration of legacy network systems to a cloud-based infrastructure (AWS VPC, Azure VNet), achieving a seamless transition for 5000+ employees.
- Configured and troubleshooted complex Cisco, Juniper, and Arista network devices, resolving critical network issues with a 99% success rate.

- Implemented QoS policies to prioritize critical business applications, enhancing user experience and application performance.
- Conducted regular network audits and vulnerability assessments, providing detailed reports and recommending remediation strategies.

Network Engineer DataStream Solutions Houston, TX 2008 - 2012

- Designed, installed, and maintained local area networks (LANs) and wide area networks (WANs) for various enterprise clients.
- Provided tier 3 technical support for network-related incidents, ensuring rapid resolution and minimal impact on operations.
- Monitored network performance using tools such as SolarWinds and Nagios, proactively identifying and addressing potential issues.
- Participated in on-call rotation to provide 24/7 network support.

Education

Master of Science in Information Technology University of Texas at Dallas Dallas, TX 2008

Bachelor of Science in Computer Science Texas A&M University College Station, TX 2006

Certifications

Cisco Certified Internetwork Expert (CCIE) - Enterprise Infrastructure Cisco Certified Network Professional (CCNP) - Security Certified Information Systems Security Professional (CISSP)