

# ARMANI CHANG

## SR. NETWORK INFRASTRUCTURE ENGINEER

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### STRENGTHS

- 💡 **Analytical Problem Solver**  
Exceptional ability to dissect intricate problems and engineer relevant solutions. Often seen as go-to person for challenges regarding advanced network configurations.
- 👥 **Proactive Collaborator**  
Create bridges between different departments to ensure efficient network solutions around broader business goals. Peers recognize initiative in driving joint success.
- 📄 **Documentation Specialist**  
Known for producing clear documentation ensuring all procedures align accurately with operational standards. Team members consistently rely on played role in preserving critical knowledge.
- 👤 **Training Advocate**  
Committed advocate of educational development personal and team-wise, often dedicated time mentoring peers under new technology introductions. Team builds trust through commitment to ongoing learning.
- ⚙️ **Innovative Implementer**  
Regularly reviews workflows for better process adaptability, bringing applied creativity forward within network operation teams. Inspiring further developments keeps atmosphere invigorating.

### SKILLS

Network Engineering

Cloud Networking SDN Concepts

Documentation & Diagramming

### SUMMARY

Dedicated Sr. Network Infrastructure Engineer with over 10 years of experience optimizing networks for enterprise-level environments. Expertise encompasses cloud networking, including Azure and AWS, while mastering protocols like BGP and OSPF. Proven capability in creating network diagrams and documentation effectively supports design and planning efforts. Equipped with a robust understanding of software-defined networking (SDN) alongside automation processes enhancing efficiency and reliability. Skilled collaborator who effectively partners with stakeholders to align objectives with technical execution, ensuring business goals are met comprehensively.

### EXPERIENCE

#### Senior Network Engineer

Tech Solutions Group 📅 January 2021 - Present 📍 Chicago, IL

Manage network engineering operations within an enterprise environment, focusing on performance and integration of highly available secure networks. Lead standardized methodologies promoting innovative techniques adapting network deployments that foster business agility.

- Implemented optimized routing strategies using BGP and OSPF, improving connectivity across multiple branches.
- Developed comprehensive documentation practices that increased operational compliance and knowledge sharing within teams.
- Streamlined monitoring systems through automation, significantly reducing manual oversight with network operations.
- Collaborated with cross-functional teams, creating key performance indicators (KPIs) that enhanced response times by 25%; enabled proactive network management.
- Mentored junior staff members through hands-on training sessions on emerging technologies, building organizational resilience & expertise.
- Led initiatives focused on integrating cloud solutions into existing infrastructure, aligning technical capabilities with strategic objectives.

#### Network Engineer

Global Network Systems 📅 March 2016 - December 2020 📍 Peoria, IL

Engineered effective network infrastructures that supported increasing user needs at a high-capacity data center. Ensured smooth transitions during upgrades and implementations to promote infrastructure improvements.

- Contributed towards the successful deployment of Cisco IOS and NXOS systems to diversify network topologies.
- Drafted network-related documents increasing focus on clarity when collaborating across multiple communication channels.
- Actively partook in vendor assessment discussions, identifying valuable asset offerings that resulted in cost-saving strategies.
- Facilitated Azure onboarding processes, enhancing scalability and network flexibility aimed at business growth a.
- Conducted periodic training workshops to boost team proficiency with dynamic network monitoring tools, fostering a culture of continuous improvement.
- Explored innovative solutions ensuring alignment of technological capacity with business operations; streamlined data flow measurements.

#### Network Associate

NextGen Data Solutions 📅 June 2011 - February 2016 📍 Rockford, IL

Automation & Scripting

Security Protocols

Performance Monitoring

Routing Protocols

Vendor Collaboration

Wireless Networking

Load Balancing Disaster Recovery

Incident Response

Business Alignment

Process Optimization

Stakeholder Engagement

Supported day-to-day network functionalities across various platforms while engaging in process enhancements. Tasked with documenting operational standards to standardize procedures and serve as reference material.

- Boosted network reliability by actively resolving outages through troubleshooting and systematic analysis of complex issues.
- Generated concise operational documents partnered closely with cross-functional stakeholders to reinforce agency-wide compliance.
- Spearheaded implementation of automated scripts leading the way for superior network monitoring and control, reducing clerical errors.
- Collaborated with security teams intertwining stringent policies into daily operations, cultivating areas of protective compliance.
- Participated in cross-departmental discussions focusing on how real-time network evaluation can foster informed strategic decision-making.
- Designed collaborative strategies harnessing cross-functional knowledge for expanded infrastructure capabilities.

## LEADERSHIP & AWARDS

- Cisco Certified Network Professional (CCNP) - 2026
- Microsoft Certified: Azure Solutions Architect Expert - 2026

## EDUCATION

### Bachelor's Degree in Computer Science

University of Illinois 🎓 GPA: 3.8 📅 2026 📍 Champaign, IL

*Coursework: Data Structures, Networking, Database Management, Cloud Computing*

## CERTIFICATIONS

- Cisco Certified Network Professional (CCNP) 📅 2026
- Microsoft Certified: Azure Solutions Architect Expert 📅 2026

## TECHNICAL SKILLS

- **Networking Technologies:** Cisco IOS, Cisco NXOS, Palo Alto Firewalls, F5 LTM
- **Cloud Platforms:** Microsoft Azure, Amazon AWS, Google GCP
- **Routing Protocols:** BGP, OSPF, EIGRP, RIP
- **Automation Tools:** Python, Ansible, Terraform
- **Collaboration Tools:** Slack, Microsoft Teams, Zoom
- **Monitoring Tools:** SolarWinds, PRTG, Nagios
- **Documentation Tools:** Visio, Lucidchart, Confluence
- **Standard Methodologies:** ITIL, Agile, DevOps
- **Security Technologies:** Cisco ISE, CrowdStrike, Palo Alto CORTEX
- **Virtualization Tech:** VMware, Hyper-V, Docker

## PROFESSIONAL AFFILIATIONS

- Member of the IEEE Communications Society, contributing insights on network advancements.
- Active volunteer with local tech meetups, emphasizing knowledge sharing among engineering enthusiasts.

## ADDITIONAL INFORMATION

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

## REFERENCES

AVAILABLE ON REQUEST

## LANGUAGES

English Native

Spanish Proficient

## MY CAREER



● Senior Network Engineer at Tech Solutions Group (5.5 Years)

● Network Engineer at Global Network Systems (4.8 Years)

● Network Associate at NextGen Data Solutions (4.7 Years)