



Project Engineering Network Engineer

Job Description:

PEI is a Microsoft Gold Partner and Cisco Premier Partner based in Boulder, Colorado, and is recognized as a leader in delivering infrastructure, unified communications, networking solutions, and managed IT services. We have built the business and our reputation on the quality and value of the services we provide to our customers. As an engineering-centric company, we take great pride in the depth of technical knowledge maintained by our engineers.

This position will provide architecture/design, implementation, and advanced troubleshooting for our clients' diverse network architectures. As consultants, we are looking for an experienced individual with business and technical consulting skills. Candidates for this position need to have previous consulting experience and understand the pace and demands associated with IT consulting. This position will be responsible for solution planning, implementation, and support in our customers' environments.

This person should be self-motivated and have strong communication, presentation, organizational, and time management skills. The ideal candidate will provide exceptional customer service and consistently achieve customer satisfaction.

Primary Duties & Responsibilities:

- Actively participate in the design, implementation, and documentation of advanced networking, unified communications, and networking security solutions.
- Provide troubleshooting for advanced networking, unified communications, and networking security solutions.
- Engage with customers 50-60% of the time on billable projects with the remainder of the time focused on support, training, and continued education.
- Clearly communicate problem/resolution process to customers or management. Serve as liaison to vendors (e.g., Cisco) to facilitate problem resolution.
- Subject matter expert for solutions within advanced networking, unified communications, and security practices. Collaborate with technical staff, including project managers. Mentor and cross-train staff.

Professional Requirements:

- Knowledge of advanced networking design, architecture, and troubleshooting
- Comprehensive experience in configuring routers, switches, firewalls, voice gateways, IPSEC/SSL VPN, and associated reporting functionality across a wide range of vendors including Cisco, Meraki, Fortinet, Dell, Palo Alto, etc.
- Extensive experience with TCP/IP (IPv4 required and IPv6 preferred), L2/L3 switching, EIGRP, OSPF, MPLS, BGP and other routing protocols
- Familiarity with implementing and integrating with cloud-based networking solutions such as Microsoft Azure, AWS & other SD-WAN providers.
- Security implementation experience (L2/L3 VPN, firewall rules/policies, TACACS+, etc.)
- Wireless experience preferred (802.11ax/ac, wireless access controllers)
- Voice experience preferred (SBC implementation, SIP diagnosis/troubleshooting)
- Knowledge of Microsoft infrastructure stack (cloud-based and on-premises) – including Identity, Voice, email, etc.
- Cisco certification preferred (CCIE, CCNA, CCDA, CCNP, CCDP, CCSP)
- Consulting and IT industry experience is required
- Bachelor's degree or higher preferred

Desired Skills:

- Microsoft certifications – (MS-500, AZ-500, SC200, SC300 etc.)
- Hands-on experience identifying, exploiting, and remediating Network and Application based attacks
- Network auditing and monitoring, including SIEM experience
- CCNA or equivalent
- Relevant Certifications a plus (ITIL, PMP, etc.)



- Hands on expertise configuring Cisco, Palo Alto, Fortinet network hardware
- Experience with SNMP-based or other monitoring technologies
- Hands-on Experience with Active Directory and Server Infrastructure
- Scripting experience

Personal Qualifications:

- A great attitude and true enjoyment working in the IT field
- Customer-first mentality with the ability to empathize and create customer loyalty
- Self-motivated and have exceptional customer service and communication skills.
- Solid work ethic and a desire to be challenged daily
- Ability to thrive in a fast paced, customer-oriented environment.
- Flexible person with the ability to manage stressful situations and adapt to rapidly changing environments and requirements.
- Ability to work independently, but also be part of a team
- Creative person who is willing to take initiative and share alternative solutions with peers and management.
- Analytical thinker willing to “think outside the box” to resolve customer issues
- Curiosity to learn, implement, and support new and diverse technologies
- Strong self-confidence balanced by a healthy amount of humbleness

Job Requirements:

- 4-7 years’ experience in IT, particularly in an advanced technical network or systems role
- Excellent written, verbal, and customer service skills, with the ability to explain technical concepts to individuals of varying degrees of technical knowledge
- Able to work off-hours and weekends as needed for maintenance, upgrades, installations, etc.
- Ability to travel if required - USA

Compensation and Benefits:

Our compensation plan includes the following:

- Competitive wages
- Management Objective incentives
- Work from home commitment
- Company profit-sharing program
- Company-sponsored professional development and training
- Generous Family Health Insurance, Short-Term Disability and Dental insurance
- Paid vacation
- Company provided hardware (i.e., laptop, docking station, headset, cell phone, etc.)

PEI promotes a casual office environment, encourages extracurricular activities, has a work-from-home policy, and provides professional and personal benefits.

If you’re looking for a challenge and an organization that rewards you for your commitment and hard work, we’d love to talk with you! Come find out why we’re considered the “Go-To” technology partner in the Rocky Mountains.

Please email your cover letter, resume, and professional references to jobs@pei.com to apply.

The individual selected for this position will be subject to a background check. PEI is committed to providing equal opportunities to employment including taking into account the nature and gravity of the offense or offenses and the time that has passed since the conviction and/or completion of the sentence.