



## Senior Network Engineer

Leesburg, VA | Norfolk, VA

### Who we are:

Altagrove delivers smart and innovative technology solutions that create competitive advantages for our customers and their missions. Our focus areas include Space, Connectivity, Cyber, Cloud, Analytics, and Research & Development. As we continue to grow, Altagrove is actively recruiting for a Sr. Network Engineer to join our energetic and entrepreneurial team that is executing on a variety of projects that are technology oriented. A successful candidate will bring a core area of expertise and a passion for learning and implementing new ideas in a start-up environment.

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### What you will do:

- The candidate shall provide senior-level expertise and guidance to a qualified workforce, serving as the lead Wireless Network Engineer in support of defense-related data instrumentation and data-driven analysis capabilities.
- Lead the installation, configuration, and optimization of shipboard Wi-Fi systems to ensure reliable and high-performance connectivity throughout the vessel.
- Troubleshoot and resolve Wi-Fi connectivity issues, performing regular maintenance and updates to ensure optimal performance.
- Design, configure, and maintain Aruba wireless and wired network solutions.
- Maintains computer networks including mainframes, VPNs, routers and other physical hardware.
- Installs and configures network equipment.
- Creates firewalls and updates virus protection software and data security systems to keep data and communications protected.
- Monitors computer systems to improve network performance for all systems.
- Perform site surveys for the installation of IP hardware at customer facilities to identify interface requirements, power budgets, rack space requirements, distribution of hardware, and cable patching (serial and Ethernet).
- Manage the integration of shipboard networks, including the planning, installation, and configuration of network hardware and software.
- Troubleshoots, resolves, and communicates networking issues to other employees and management.
- Implements disaster recovery procedures.
- Maintains current knowledge and understanding of security and networking best practices of industry and DoD to offer the best solutions and protection of systems.
- Designs and implements new network solutions and/or improving the efficiency of current networks.
- Installs, configures and maintains network equipment including routers, proxy servers, switches, WAN accelerators, DNS and DHCP.
- Creates and maintains professional documentation of network configurations, topologies and equipment utilizing the Microsoft Office Suite to include Visio.



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- Provide network design, configuration, and implementation support for corporate and government networks.
- Provide network design, configuration, and implementation support for Data center routing and switching environment.
- Provide customer support and guidance through operational support as well as value added recommendations in industry best practice and network efficiency.
- Provide technical support to internal and external customers including problem troubleshooting and resolution of network events and outages.
- Generate engineering standards and perform acceptance testing for new equipment and solutions.
- Develop and maintain engineering tasks, engineering goals and objectives.
- Develop and maintain internal processes and provide skills training to other staff on an as-required basis, through knowledge sharing and mentoring.
- Lead projects with the ability to function in a highly dynamic environment.

### What you will bring:

- Highly proficient knowledge of Cisco Routers and Switches.
- Design, configure, and troubleshoot BGP and OSPF routing protocols.
- Knowledge and experience with MPLS/VPNs in a service provider environment.
- Experience with Aruba network solutions (including switches, wireless access points, and management platforms like Aruba Central or AirWave).
- Experience with LAN infrastructure – VLANs, Trunking, HSRP, etc.
- Experience Installing/Troubleshooting WAN circuits.
- Experience designing and configuring QoS – CBWFQ, LLQ, and Classification Methods.
- Expert knowledge and understanding of TCP/IP network technologies; DNS, DHCP, TFTP, NAT, and SSL.
- Experience configuring and troubleshooting Cisco IPsec (AES 256), Firewall (Cisco Firepower, Fortinet, Checkpoint or Palo Alto networks), IPS, route-maps, and ACLs.
- Experience configuring wireless technologies (802.11a/b/g/n/ac) using Cisco/Aruba controllers and APs.
- Experience working with Network Management Systems (e.g. SolarWinds, Splunk, ServiceNow, etc.).
- Experience working in AWS or Azure Cloud.
- Knowledge of SDN, SD-WAN technologies (e.g. Cisco ACI, EVPNs, etc.)
- Must be proficient with both layer 2 and layer 3 networking concepts, protocols, and technologies and have intimate working knowledge with routing and switching configurations on Cisco IOS equipment.
- Must be familiar with network security concepts and best practices to include firewall administration through McAfee Sidewinder and Cisco ASA and/or Juniper products and services.
- Highly prefer having working knowledge of DoD network policies and regulations in relation to network design and configuration; must have a firm understanding of network design concepts and articulation of those concepts through documentation such as engineering proposals and diagrams.
- Must have in-depth understanding and practical knowledge of networking systems such as LAN, firewalls, routers and printers.



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- Must have comprehensive understanding of network services and networks such as TCP/IP, OSPF and EIGRP.
- Must have the ability to analyze and evaluate networks, identify issues and provide solutions to ensure networks are operating efficiently.
- Must have the ability to design, implement and troubleshoot Wi-Fi and security infrastructure.
- Must maintain a Secret security clearance with Top Secret eligibility.
- CCNA with a CCNP highly desired.
- 5+ years of network administration/engineering experience within the DoD desired.
- Experience supporting and working with cross-functional teams in a dynamic environment desired.
- Willing to go the extra mile on behalf of our customers, partners, and their missions.
- Self-motivated with the ability to work independently and in a highly dynamic team environment as a team lead and a valued member.
- Possess a high degree of attention to detail.
- US Citizenship required.

### What we offer:

At Altagrove, we believe our employees are our most valuable asset, and we treat benefits as an important part of an employment relationship. The Altagrove benefits package includes:

- 10 Paid Holidays.
- Paid Vacation/PTO.
- Medical/Dental/Vision coverage.
- Life Insurance and Disability coverage.
- Annual Bonus Plan.