



Cyber Security Engineer

Leesburg, 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 Cyber Security 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.

Follow us at - <https://www.linkedin.com/company/altagrove>

What you will do:

- Plan, develop, and implement cybersecurity solutions to protect against cyber threats including malware, ransomware, and insider threats.
- Monitor networks and systems, identify vulnerabilities, and anticipate potential security breaches.
- Install, configure, and maintain security tools and technologies including firewalls, intrusion detection/prevention systems, endpoint protection, and data encryption solutions.
- Conduct vulnerability assessments, penetration testing, and security audits to identify weaknesses in systems and networks.
- Develop and enforce security controls, policies, and procedures to ensure protection of organizational infrastructure and data.
- Investigate and document all aspects of cybersecurity incidents, including impact assessments and remediation actions.
- Support Security Operations Center (SOC) activities, including threat monitoring, alert analysis, and incident response.
- Design and implement secure network architectures and solutions to mitigate risks and enhance system resilience.
- Ensure compliance with cybersecurity standards, frameworks, and government regulations (e.g., NIST, RMF, DoD standards).
- Collaborate with systems engineers, network engineers, and architects to integrate security into system designs and implementations.
- Assist in development of incident response plans, disaster recovery plans, and business continuity strategies.
- Provide security training, guidance, and awareness to internal teams as needed.
- Support continuous improvement of cybersecurity processes, tools, and operational capabilities.



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What you will bring:

- 12+ years of experience in cybersecurity operations, incident response, vulnerability management, or SOC environments.
- Strong understanding of network security, system hardening, threat detection, and mitigation strategies.
- Familiarity with cybersecurity tools, SIEM platforms, and monitoring technologies.
- Knowledge of cybersecurity frameworks and compliance standards (NIST, RMF, DoD, etc.).
- Experience conducting vulnerability assessments, penetration testing, or security audits.
- Strong analytical, troubleshooting, and problem-solving skills.
- Ability to work in fast-paced, mission-critical environments and respond to evolving threats.
- Relevant certifications (e.g., CISSP, CEH, Security+, OSCP, CASP) preferred.
- Strong written and verbal communication skills.
- Self-motivated with the ability to work independently and as part of a team.
- Willingness to go the extra mile on behalf of customers, partners, and their missions.
- Strong proficiency with the Microsoft Office suite, including Word, Excel, PowerPoint, Outlook, Teams, and SharePoint, for documentation, collaboration, and reporting.
- Bachelor's or Master's degree in a related discipline (experience may be considered in lieu of formal education).
- Exceptional attention to detail and organizational skills.
- U.S. Citizenship required.
- Active Secret Clearance, with eligibility for Top Secret/SCI.

What we offer:

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

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