Job description

Security Operations Analyst

The Mississippi Department of Information Technology Services (ITS), Telecom Services Division, is seeking qualified persons for the role of Security Operations Analyst. Successful candidates must have an information technology background with a desire to increase cybersecurity and contribute toward a business function in state government

Key Responsibilities

- Maintain ongoing operational responsibilities for enterprise core and perimeter defense solutions. Primary responsibility will be for perimeter and internal Cisco ASA firewalls, but other devices or defense solutions may be required too.
- Recommend and help design security architecture elements to mitigate threats as they emerge
- Recommend solutions that balance business requirements with information and cyber security requirements
- Align standards, frameworks and security with overall business and technology strategy
- Identify and communicate current and emerging security threats
- Work with ITS staff to identify security design gaps in existing and proposed architectures and recommend changes or enhancements
- Manage, track, report and oversee the remediation of all Security Operation related vulnerabilities
- Oversee the management of Participate in security functions including security compliance and business controls projects (SOX, HIPAA, etc.) and vulnerability assessments related to the Security Operations group
- Communicate directly with ITS staff in a prompt, accurate, and professional manner.

Preference is given to candidates with the following technical skills/qualifications:

- Cisco ASA firewalls
- Experience installing and upgrading physical hardware appliances
- Understanding of application-level security topics (Malware, Zero-day, vulnerabilities, encryption, etc.)
- Experience with vulnerability/risk assessment tools and technologies
- Networking fundamentals (LAN/WAN)
- IT, networking, and cybersecurity professional certifications
- Relevant National Institute of Standards and Technology (NIST) standards
- National Cybersecurity Framework
- Center for Internet Security Controls – CIS Controls

Preferred Professional Skills:

- Must have very strong customer-service, oral and written communication, technical documentation, time-management, and project management skills
- Must be able to understand and analyze "big-picture" concepts
- Must be able to take a concept or goal and form requirements and manage it through the complete lifecycle of the product or solution
- Must be able to work in a dynamic, high-demand, high-visibility position while keeping a professional attitude and composure
- Must be able to speak and relay information intelligently to both highly technical administrators and non-technical personnel from various state agencies, customers, vendors, and other organizations
- Must have excellent analytical and problem-solving abilities
- Must be able to work effectively both individually and within a small team environment to accomplish team projects and solve technical problems
- Must be able to multi-task effectively, handling multiple projects simultaneously
- Must have the ability to adapt to and learn new products and processes
- Must be able to manage and oversee projects for architecting, designing, implementing, supporting, and evaluating security-focused tools and services
- Must be able to lead security-related projects
- Must be able to evaluate and recommend new and emerging security products and technologies
- Must be able to be security subject matter expert who can explain security-related topics to others within the organization regardless of their technical background
- Must be able to identify risks associated with business processes, operations, information security programs and technology projects

Qualifications

Qualified candidates must have a bachelor's degree and a minimum of five (5) years experience with an emphasis in security and compliance. Alternatively, qualified candidates must have a minimum of four (4) years of IT-related experience if educational requirements are not met.

Benefits:

- Insurance: Health, Life, Dental, Vision, other supplementals.
- Paid Time Off/Holidays
- Retirement Plan
- Employee Assistance Program
- Hybrid Remote Work Policy for eligible employees

Job Type: Full-Time (8 AM to 5 PM, Monday-Friday)

Salary: $65,779.54 - $86,335.64 per year

Interested applicants should email their resume and/or a State of Mississippi Application to recruiting@its.ms.gov **and include the position title in the email's Subject Line.**