

Cybersecurity Analyst

The Mississippi Department of Information Technology Services (ITS) is seeking qualified persons for the role of Cybersecurity Analyst.

Job Duties

- Support ITS project managers, agency staff, and ITS management with time, expertise, and reporting as needed. Tasks include, but are not limited to:
 - Providing ad hoc security reports of security compliance requirements;
 - Participating with project managers/analysts on special projects as needed.
- Participate in the planning process. Tasks include, but are not limited to:
 - Development and revisions to the security plans, policies, and procedures.
- Align standards, frameworks and security with overall business and technology strategy;
- Identify and communicate current and emerging security threats ;
- Recommend and help design security architecture elements to mitigate threats as they emerge;
- Recommend solutions that balance business requirements with information and cybersecurity requirements;
- Work with ITS staff to identify security design gaps in existing and proposed architectures and recommend changes or enhancements;
- Manage and oversee IT security risk assessments and penetration tests on IT systems;
- Manage, track, report and oversee the remediation of all IT-security related vulnerabilities;
- Oversee the management of security compliance and business controls projects (SOX, HIPAA, IRS, etc.) and vulnerability assessments;
- Develop, plan, coordinate and evaluate cybersecurity training/education training;
- Develop and conduct cybersecurity awareness presentations for a wide variety of audiences;
- Conduct evaluations of cybersecurity programs to determine compliance and gaps;
- Communicate directly with ITS staff in a prompt, accurate, and professional manner;
- Perform other duties and responsibilities as assigned by supervisor.

Required Experience

- Qualified candidates must have an IT-related degree and IT-related experience. Alternatively, qualified candidates must have a minimum of four (4) years of IT-related experience if educational requirements are not met;
- Very strong oral and written communication skills, technical documentation, time-management, and project management skills;
- Ability to understand and analyze “big-picture” concepts;
- Ability 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;

- Ability to speak and relay information intelligently to both highly technical administrators and non-technical personnel from various state agencies, customers, vendors, and other organizations;
- Excellent analytical and problem solving abilities;
- Ability 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;
- Ability to adapt to and learn new products and processes;
- 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;
- Security subject matter expert who can explain security-related topics to others within the organization regardless of their technical background;
- Identify risks associated with business processes, operations, information security programs and technology projects.

Preferred Experience

- Relevant National Institute of Standards and Technology (NIST) standards;
- National Cybersecurity Framework;
- Center for Internet Security Controls – CIS Controls;
- Network security device (firewall, IPS/IDS, etc.) experience;
- 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.

ITS is an equal opportunity employer.

Job Type: Full-time (8-hour shifts, Monday-Friday)

Salary: \$55,877.96 - \$73,339.82 per year

Benefits:

- Insurance: Health, Life, Dental, Vision, other supplementals.
- Employee assistance program
- Flexible schedule / Hybrid Remote Work Policy for eligible employees
- Paid time off / Holidays
- Retirement plan

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.