



**Technology Services Division
Cybersecurity Specialist**

Job Overview:

The Mississippi Secretary of State's Office seeks a knowledgeable and proactive Cybersecurity Specialist to help safeguard our agency's digital infrastructure. This role requires a strong foundation in cybersecurity principles and technologies and a commitment to public service. The Cybersecurity Specialist will play a critical role in implementing and monitoring cybersecurity programs, ensuring compliance with state and federal security regulations.

Responsibilities:

- Develop, implement, and maintain comprehensive cybersecurity strategies, security protocols, and incident response plans.
- Conduct risk assessments and vulnerability scans of business and election systems to identify and mitigate potential threats.
- Manage and configure network security infrastructure, including switches, routers, firewalls, intrusion prevention systems (IPS), and wireless access points.
- Monitor networks and systems for indicators of compromise (IOC), unauthorized activity, or anomalous behavior using security information and event management (SIEM) tools.
- Investigate, analyze, and respond to real-time security incidents, breaches, and anomalies.
- Stay abreast of evolving cyber threats, security technologies, and compliance requirements (e.g., NIST, FISMA, CISA advisories).
- Educate and train agency staff on security awareness, phishing prevention, and safe computing practices.
- Liaise with external cybersecurity experts, vendors, and government partners, including state and federal agencies such as DHS and MS-ISAC.
- Assist in developing documentation and reporting for audits, compliance reviews, and security assessments.
- Provide regular briefings and strategic advisement to the Chief Information Officer, offering insights on infrastructure security posture, emerging risks, and recommendations for strengthening the agency's cyber defenses.

Minimum Qualifications:

- Associate's or Bachelor's degree in Cybersecurity, Computer Science, Information Technology, or a related field.
- Minimum of 3 years of progressive experience in cybersecurity, network administration, and/or systems administration.
- Demonstrated experience with:
 - Network and endpoint security tools (e.g., firewalls, IDS/IPS, antivirus)
 - SIEM platforms and log analysis
 - Incident response
- In-depth knowledge of cybersecurity frameworks and best practices, such as NIST CSF, CIS Controls, and zero trust architecture.
- Strong understanding of data privacy laws and regulations relevant to state government.
- Proven analytical thinking, attention to detail, and problem-solving skills.
- Excellent communication and collaboration skills with both technical and non-technical stakeholders.
- Must be eligible to obtain and maintain a U.S. Department of Homeland Security security clearance.

Preferred Qualifications:

- Industry certifications such as CompTIA Security+, CEH, CISSP, GSEC, or GIAC certifications.
- Experience working in a state or federal government environment, especially in election-related IT or cybersecurity.
- Familiarity with cloud security, identity and access management (IAM), and patch management solutions.

Why Join Us:

The Mississippi Secretary of State's Office plays a vital role in government administration and the protection of public trust across various essential services — from securing election integrity and overseeing business filings to managing public lands and enforcing securities regulations. As a Cybersecurity Specialist, you will be part of a mission-driven team that safeguards these diverse and critical functions. This is more than a technical role — it's an opportunity to directly support the security and stability of systems that impact every Mississippian. Join us in strengthening the digital resilience of one of the most multifaceted agencies in state government.