

Seth Doty

Omaha, NE 68134 ♦ [linkedin.com/in/sethdoty](https://www.linkedin.com/in/sethdoty)

Experienced cybersecurity leader with 20+ years in engineering, risk management, compliance, and cloud security. Proven ability to develop security programs, reduce vulnerabilities, and align cybersecurity strategies with business objectives. Expertise in AWS, GCP, Azure, firewalls, encryption, and authentication protocols. Adept at guiding organizations in highly regulated industries, ensuring compliance with SOC 2, HITRUST, PCI, and HIPAA. Skilled in risk management, vulnerability mitigation, and incident response. Passionate about mentoring teams, optimizing security frameworks, and driving digital transformation while safeguarding corporate assets.

Core Expertise

Cybersecurity Strategy | Risk Management | Compliance & Governance | Cloud Security | Incident Response | Vulnerability Management | Security Architecture | Identity & Access Management | Data Protection | DevSecOps | Threat Intelligence | Security Operations | Penetration Testing | IT & Security Leadership | Assessment And Authorization | Computer Security | Control Frameworks | Healthcare Compliance | IT Infrastructure | Identity Management | Incident Handling | Coding Practices | Data Privacy | IT Security | Infrastructure Security | Mitigation Strategies | Product Leadership | Secure Coding | Social Engineering | Incident Reporting | Intrusion Detection | Risk Assessments | Risk Management Framework | Security Assessments | Security Audits | HIPAA Compliance | Train Employees | Vulnerability Assessment | Regulatory Compliance (SOC 2, HIPAA, PCI, HITRUST, FEDRAMP) | Security Awareness Training | Secure Software Development | Business Continuity & Disaster Recovery | Security Program Development

Technical Skills: Python, Scala, Terraform, Kubernetes, AWS, GCP, Azure, Oracle Cloud, IBM Cloud, Rust, Go, Kafka, SIEM, Snyc, OWASP, Qualys, Nexpose, Adobe, Google Docs, Microsoft Office Suite (Word, Excel, PowerPoint, Outlook)

Professional Experience

Chief Information Security Officer | Cerebral | Omaha, NE

August 2021 – Present

- Develop security strategies aligning with business goals, reducing cyber threats, and ensuring compliance with regulations.
 - ✓ Lead security, IT, and cloud teams to enhance infrastructure, mitigate risks, and safeguard critical company assets.
 - ✓ Implement an incident response plan, improving threat detection, reducing response time, and minimizing security breaches.
 - ✓ Establish a GRC program to prioritize risks, optimize resources, and drive cost-effective security operations efficiently.
 - ✓ Partner with legal teams to ensure privacy law adherence, translating compliance mandates into actionable security policies.

Accomplishments:

- ✓ Spearheaded zero-trust implementation, boosting data security by 28% while strengthening overall network defenses.
- ✓ Achieved a 74% reduction in cloud vulnerabilities, fortifying AWS and GCP environments against potential cyber threats.
- ✓ Led GRC program execution, saving \$3M in operating costs through strategic risk mitigation and compliance enhancements.

Lead Consultant | FPComplete | Omaha, NE

May 2021 – August 2021

- Architected secure solutions across AWS, GCP, Azure, and IBM Cloud, improving resilience against evolving cyber threats.
 - ✓ Designed security processes to enhance software development lifecycles, increasing efficiency across client operations.
 - ✓ Developed tailored security frameworks, ensuring compliance with SOC 2, HITRUST, and ISO 27001 for regulated industries.
 - ✓ Provided technical guidance, mentoring teams on cloud security, automation, and best practices in cybersecurity.
 - ✓ Created custom security tools, streamlining compliance monitoring and strengthening data protection strategies.

Accomplishments:

- ✓ Led HITRUST initiative, enabling a major retailer to achieve certification and significantly enhance its security posture.

Principal Technical Consultant | Object Partners | Omaha, NE

February 2019 – May 2021

- Designed and deployed cloud security architectures, ensuring HIPAA, SOX, and FEDRAMP compliance across enterprise environments.
 - ✓ Delivered cybersecurity solutions, strengthening security postures for healthcare and finance clients through risk-based strategies.
 - ✓ Advised clients on DevSecOps best practices, enhancing software security, reducing vulnerabilities, and improving speed.
 - ✓ Conducted security training, equipping teams with cloud expertise, fostering resilience, and promoting proactive risk mitigation.
 - ✓ Developed automated security tools, enhancing compliance enforcement, and improving vulnerability management.

Accomplishments:

- ✓ Led cloud training with AWS and Google, educating teams on secure implementations and strengthening cloud security strategies.
- ✓ Built real-time communication platforms with Kafka and Kubernetes, optimizing scalability, performance, and data processing.

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Security Team Lead | Northrop Grumman | Omaha, NE

March 2017 – February 2019

- Audited security controls, ensuring STIG compliance, strengthening governance, and enhancing overall cybersecurity resilience.
 - ✓ Led vulnerability management, identifying security gaps, remediating risks, and strengthening overall system defenses.
 - ✓ Managed incident response, mitigating cyber threats, enhancing response strategies, and minimizing operational downtime.
 - ✓ Advised government clients on cybersecurity compliance, supporting FEDRAMP planning and successful implementation.
 - ✓ Mentored teams on best security practices, fostering continuous improvement, risk awareness, and a proactive defense culture.

Earlier Work Experience

Security Team Lead (Contract) | Tek Systems

Senior System Engineer | Hayneedle

Network Engineer | Stillwater Insurance Group

IT Analyst | State of Nebraska

IT Analyst | Nebraska State Historical Society

IT Analyst | Nebraska Book Company

Education & Professional Development

Doctorate of Cybersecurity | Capital Technology University | 2024

Master's Degree in Data Analytics | Western Governors University | 2022

Bachelor's Degree in Cybersecurity | Bellevue University | 2020

Associate Degree in Network Information Systems | Southeast Community College | 2004

Certifications

Certified Professional Penetration Tester | eLearnSecurity | 2011 – Present

AWS Solutions Architect Associate Certification | Amazon | 2019 – 2022

Google Data Analytics Certification | Coursera | 2021 – Present

Community Involvement

ISACA Member | May 2023 — Present

Association for Computing Machinery Member | August 2022 — Present