SETH DOTY

📍 Omaha, NE, US 🔗 www.linkedin.com/in/sethdoty

SUMMARY

Dynamic cybersecurity professional with over 20 years of experience across engineering, risk management, auditing, and compliance. Expert in AWS, GCP, Azure, firewalls, encryption, and authentication protocols. Proven track record in executing secure projects and developing strategies to safeguard corporate assets in highly regulated sectors, including finance and healthcare.

LEADERSHIP HIGHLIGHTS

- **Security Program Development**: Spearheaded the creation of multiple security programs, significantly reducing vulnerabilities and achieving compliance goals.
- **Compliance Leadership**: Guided healthcare and finance organizations to meet compliance standards such as SOC 2, HiTRUST, PCI, and HIOTECH.
- **Information Security Strategy**: Formulated and implemented information security strategies, policies, and procedures, ensuring excellence in dynamic environments.
- **Emerging Technologies Oversight**: Ensured secure and ethical deployment of ML, AI, and Generative AI, addressing compliance challenges.
- **Data Breach Recovery**: Assisted healthcare organizations in recovering from data breaches, enhancing their long-term business viability.

EXPERIENCE

Chief Information Security Officer, Director of Security and IT
Cerebral   **August 2021—Present,**

- Lead the development and implementation of comprehensive information security strategies and initiatives in concert with the executive leadership team, and stakeholders across the business to protect the confidentiality, integrity, and availability.

- Define and lead multiple security, IT, and cloud engineering teams.

- Define and lead the organization incident response program, including implementation of the SIEM and threat intelligence platforms.

- Define cybersecurity requirements for public cloud (AWS, GCP) providers, achieving a 74% reduction in vulnerabilities in the first year.

- Implemented a formalized GRC program, identifying and prioritizing security risks, resulting in $3 million in operating cost savings.

- Collaborate with legal teams to ensure compliance with evolving privacy and healthcare laws and regulations, translating regulatory knowledge into actionable plans to mitigate potential risks.

- Coaching and Mentoring of security, information technology, and engineering teams.

- Monitor compliance with security policies and procedures, including HIPAA and SOC2, driving continuous improvement efforts.

Lead Consultant
FPComplete   **May 2021–August 2021,**

- Developed software development and security lifecycle processes, improving efficiency by over 20%.

- Develop internal product guidance and drove the implementation of various custom product features.

- Mentored over 10 team members in contemporary development technologies and secured cloud platforms.

- Design and implemented architectural solutions across various technologies, including AWS, GCP, Azure, IBM Cloud, and Kubernetes.

- Lead initiatives and provide guidance assisting clients achieve SOC 2, HITRUST, and ISO27001 compliance.

- Implement custom client solutions utilizing Terraform, Rust, Scala, and Python to achieve SOC 2, HITRUST, and ISO27001 compliance. Examples include implementing cloud-based SIEM platforms, ensuring secure default configurations for cloud infrastructure, and creating custom web-based applications to monitor compliance status.

- Manage projects and provide time/material estimates for sales leads and existing customers.

Principal Technical Consultant
Object Partners   **February 2019–May 2021,**

- Provide strategic and technical consulting services for various industries, including Finance and Healthcare.

- Mentor clients in best practice designs for DevSecOps, Platform Engineering, and Secure Development.

- Provide project plans and estimates for both sales leads and existing customers.

- Lead the delivery projects across AWS, GCP, and Azure that met and exceeded client expectations.

- Design and implement secure architectures across on-premise, AWS, GCP, and Azure environments.

- Assist customers in achieving HITRUST, HIPAA, SOX, FEDRAMP and SOC 2 compliance.

- Design and built real-time communications platforms utilizing Kafka and Kubernetes.

- Design and built custom client solutions utilizing Python, Terraform, and Go.

- Design and implement custom machine learning pipelines.

- Implement automation to ensure secure configurations for cloud infrastructure, implement custom security monitoring software, create custom web-based reporting software, and create/manage various tools to automate security control remediation.

Security Team Lead
Northrop Grumman   **March 2017—February 2019,**
- Lead vulnerability management team.

- Lead incident response team.

- Mentor customers on cybersecurity best practices.

- Collaborate with government clients on cybersecurity initiatives.

- Assist government clients with FEDRAMP planning.

- Compile and audit cybersecurity STIGs.

Previous Experience

Security Team Lead (Contract), Tek Systems	Sept 2016—March 2017
Senior System Engineer, Hayneedle	June 2015—Sep 2016
Network Engineer, Stillwater Insurance Group	March 2012—June 2015
IT Analyst, State of Nebraska	July 2010—March 2012
IT Analyst, Nebraska State Historical Society	Dec 2006—June 2010
IT Analyst, Nebraska Book Company	May 2005—December 2006

EDUCATION

Doctorate of Cybersecurity
Capital Technology University • 2024

Masters Degree, Data Analytics
Western Governors University • 2022

Bachelors of Cybersecurity
Bellevue University • US, NE, Bellevue • 2020

Associate Degree in Network Information Systems
Southeast Community College • Lincoln, NE • 2004

CERTIFICATIONS

Certified Professional Penetration Tester
elearnsecurity, June 2011-Present

AWS Solutions Architect Associate Certification
Amazon, Oct 2019-Oct 2022

Google Data Analytics Certification
Coursera, May 2021-Present

COMMUNITY INVOLVEMENT

ISACA Member • May 2023 — Present
Association for Computing Machinery Member • August 2022 — Present

SKILLS

Risk Management & Compliance: HIPAA, SOC 2, CIS, NIST SCF, SOX, PCI, FEDRAMP, GDPR

Technical Development: Python, Scala, Terraform, Kubernetes

Cloud Providers: AWS, GCP, Azure, Oracle, IBM

Vulnerability Management: Snyk, OWASP, Qualys, Nexpose

Leadership: Performance Reviews, Hiring, Culture Building, Sales Engineering, Resource Management