

Geoff Shoupp

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Technical, collaborative, and forward-thinking cybersecurity leader with extensive experience building successful security programs, driving key initiatives and facilitating critical change for multi-million-dollar institutes impacting customers globally. Strong record of success while being highly adaptable. Adept at communicating vision, establishing expectations, monitoring progress, and delivering results. Influences leadership and culture while supporting business needs, aligning processes with relevant technology, progressing company objectives, building value proposition and developing differentiated offerings and scalable solutions.

EXPERIENCE

Senior Security Consultant - Amazon Web Services Columbus, OH

MAY 2022 - PRESENT

Builds & deploys security infrastructure and automates security operations for Retail, Consumer Packaged Goods, Independent Software Vendors, and Private Equity companies in the midwest.

Lead internal team of 3 Cloud Architects, 2 Security Engineers, and 1 project manager to oversee bug fixes and modernize Python code for the AWS Config service. Created functional tests for 200+ individual rules. Reduced number of bug fix tickets from customers by 76%, cut mean-time-to-resolution of tickets from 10.4 days to 3.5 days. Developed new AWS Config rules to be used by the service as well as Security Hub that adhered to rigorous code quality standards. Improved service for 2.9 million accounts globally. Displayed metrics via QuickSight dashboards and gave bi-weekly updates to service owners.

Oversaw security workstream to migrate a financial service customer from on-premise data center to AWS in 9 months. Implemented AWS Config, GuardDuty, Inspector, Security Hub, Firewall Manager. Deployed AWS Config conformance packs to ensure AWS best practices were being tracked and followed. Created Terraform CDK in Python to deploy GuardDuty, Inspector, and Security Hub. Centralized monitoring by gathering data from the conformance packs, GuardDuty, and Inspector to a Security Hub dashboard. Developed DLP and California Consumer Privacy Act (CCPA) recommendations for data governance. Collaborated with AWS Cloud Architect and company developers to set up DevSecOps program.

Senior Engineer - Cloud Platform Security - The Wendy's Company Columbus, OH

NOVEMBER 2021 - MAY 2022

Collaborated with customers as a technical resource across the diverse Wendy's organization to develop secure, zero-trust, cloud-native infrastructure in a multi-cloud environments; lead innovation as the principal developer for "Paved Road" initiative which creates reusable terraform modules that conform to Wendy's security standards, enabling development teams to move rapidly.

Reviewed cloud infrastructure to ensure best practices were implemented; Utilized threat modeling against architecture/data flow diagrams to identify, communicate, and mitigate threats in a repeatable process; Implemented automated infrastructure-as-code scanning within CI/CD, producing actionable results instantly to costumes as well as published the results to a centralized Pub/Sub topic;

CERTIFICATIONS

GitLab Certified

Associate: Apr 2021 - Present

CISSP: Mar 2018 - Present

CISA: Apr 2018 - Present

AWS Certified Developer - Associate: May 2018 - Present

AWS Certified Solutions Architect - Associate: May 2022 - Present

AWS Certified Security - Specialty: May 2022 - Present

ServiceNow Certified Administrator: Dec 2015 - Present

ITIL v3: Mar 2013 - Present

INFRASTRUCTURE EXPERIENCE

Containers • Podman • Docker • Kubernetes • AWS • Azure • Google Cloud • DigitalOcean • Terraform • Ansible • SCCM • RedHat Satellite • JAMF • Juniper Network Devices • Citrix Load Balancers • HAProxy • NGINX • FreeIPA • Keycloak

PROGRAMMING LANGUAGES

Python • Javascript • Git • Bash • Powershell • Golang • Java • C • C++ • Ballerina • PHP • SQL • Ruby

Followed agile methodology with weekly sprints to deliver fast-paced, measurable results to the company; Collaborated with customers, focusing on their business needs and creating infrastructure that enables their success.

Senior Security Engineer - The Ohio State University Columbus, OH

MAY 2019 - NOVEMBER 2021

Managed the Vulnerability Program for the entire university, managing \$175k budget; automated the detection and initial analysis of vulnerabilities; performed routine network/agent scans on 75,000+ devices, helped prioritize risk, and aided in remediation/mitigation; implemented new vulnerability prioritization processes that identified severe threats with complete remediation within 5 days. Made reporting dashboards for campus administrators and VIPs through Splunk.

Created and maintained Application Security program with a focus in DevSecOps, specifically SAST, DAST, container, and dependency scanning through GitLab CI/CD; works with a Java, .NET, Python, web, and cloud developers to scan their code to ensure best practices are being followed with an adoption rate of 75%.

Founded and led Vulnerability Management User Group & Application Security User Group with over 300 & 150 members, respectively, the goal of which is to keep up to date on the latest security trends as well as foster communication among a wide variety of groups.

Security Risk Coordinator - The Ohio State University Columbus, OH

MARCH 2016 - MAY 2019

Aided in the deployment of cloud infrastructure to AWS, including direct connect, transit VPCs using cloud formation/terraform code; implemented AWS solutions for customers across the university.

Responsible for patch management, migrated from manual patch deployment to Ansible patching with dynamic inventories utilizing ServiceNow's API to query CMDB and verify change windows/state.

Created risk exception workflows to identify and track exceptions to university policies and capture overall risk present at the university.

Audited departments for compliance to NIST 800-53 and PCI-DSS/SOX where applicable.

EDUCATION

Dual Degree - B.A. in Germanic Languages and Literature & B.A. in International Studies - Slavic and Eastern Europe, Minors in Mathematics, Comparative Politics, Economics, and Russian The Ohio State University, Columbus, OH

AUGUST 2006 - JUNE 2011

Study abroad in Dresden, Germany (Summer 2006), Bonn, Germany (2009-2010), Moscow, Russia (Summer 2011)

FOREIGN LANGUAGES

German
Russian
Spanish

HOMELAB

Dell PowerEdge 2950
SuperMicro 6014H-TB
Dell PowerEdge T30
Ubiquiti Edgerouter Lite
Ubiquiti Managed Switch
Cisco 1700
Raspberry Pis/Pi
Zeros/Arduinos

