

Josh Wentling

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EXPERIENCE

PricewaterhouseCoopers

Seattle, WA

Senior Associate - Cybersecurity Defense & Engineering

January 2024 - Present

Fortune 100 Retail Company

- Led \$2M engagement to design and deploy KSPM solution in client's Kubernetes environment
- Designed Kubernetes threat simulation playbook, enabling validation of KSPM security controls

Fortune 500 Financial Services Company

- Developed, tested, and delivered landing zone IaC code for client's new Azure environment
- Designed and implemented security controls for Azure landing zone through HasiCorp Sentinel

U.S. Brokerage and Investment Firm

- Created SDKs for certificate-based authentication between Java/C# applications and a variety of database services
- Created documentation on certificate-based authentication setup for both application and database teams

Financial Services Startup

- Designed and implemented CPAM solution in client's environment, ensuring zero-standing privilege access management
- Migrated target application teams off of legacy PAM solution and onboarded to new CPAM tool

Fortune 100 Healthcare Company

- Designed and developed AI chat bot for stakeholders to search and contextualize documentation of 20+ acquired entities
- Developed dashboard to visualize security data from various security tools for each acquired entity

Associate - Cybersecurity and Privacy

June 2021 - December 2023

Nonprofit Academic Medical Center

- Developed scripts to pull, normalize, and visualize CSPM output data to identify gaps in client's GCP environment
- Developed CSPM and IaC policies for client's new GCP cloud environment

U.S. Health Insurance Provider

- Developed and implemented new code signing capability into client's SDLC
- Developed and implemented SCA scanning into client's SDLC

U.S. Airline Company

- Created containerized workflow for client's repository secrets-scanning capability, enabling scanning of over 10,000 repos

Barry Isett & Associates

Trexlerstown, PA

IT Intern

June 2019 – August 2019

- Developed scripts for IT management system, troubleshooted employee issues, and set up new machines for various departments within the company

CERTIFICATIONS

Google Cloud Platform – Professional Cloud Architect

July 2021

Amazon Web Services – Certified Cloud Practitioner

February 2022

EDUCATION

University of Maryland at College Park

2017 - 2021

Bachelor of Science, Computer Science; Minor in Innovation & Entrepreneurship

College of Computer, Mathematical, & Natural Sciences

SKILLS

- **Programming:** Python, Bash, Java/Kotlin/Groovy, JavaScript, C#, C
- **Infrastructure & DevOps:** AWS, GCP, Azure, Terraform, Docker, Kubernetes, Jenkins, ArgoCD, Concord, Azure DevOps
- **Security & Monitoring:** Prisma Cloud, Wiz, Microsoft Defender, Snyk, Britive, Grafana, Prometheus

PROJECTS

Home Lab

- Built three-node Proxmox cluster hosting core services (DNS, VPN, reverse proxy, etc.) with segmented networks for security

- Deployed a Talos Kubernetes cluster managed through GitOps (ArgoCD) with monitoring (Grafana/Prometheus), distributed storage (Longhorn) for self-hosted applications