

Professional Summary

Principal Security Architect with 10+ years of experience designing and implementing DevSecOps programs, cloud security architecture, and compliance frameworks across AWS and Azure environments. Retained as a core security leader across three ownership transitions (Yahoo Small Business, Verizon, Turbify), serving as an anchor for security architecture, compliance programs, and institutional knowledge through each acquisition. Deep hands-on expertise in CI/CD security automation, container security, secrets management, vulnerability management, and PCI DSS compliance. Proven ability to lead security initiatives from architecture through implementation, aligning technical strategy with business priorities.

Skills

- DevSecOps & CI/CD Security Automation
- Cloud Security Architecture (AWS & Azure)
- Container & Supply Chain Security
- Threat Detection & Incident Response
- SAST / DAST
- Team Leadership & Development
- PCI DSS
- Vulnerability Management & Risk Mitigation
- Security Strategy & Roadmap Development
- Data Governance & Network Security

Work History

Principal Security Architect – Turbify

06/2022 to 03/2026

- Automated AlmaLinux image builds for AWS and Azure using Packer, Ansible, and Jenkins, integrating LDAP authentication, remote repositories, and monitoring agents for seamless multi-team adoption in production environments
- Implemented CIS Level 1 hardened AlmaLinux images leveraging the Red Hat Ansible CIS role, ensuring standardized security baselines across our vault infrastructure
- Designed and automated Docker image build pipelines using Packer, Ansible, and Jenkins, incorporating vulnerability scanning via Dependency-Track and secure artifact storage in an Artifactory container registry
- Streamlined application security onboarding to Dependency-Track by automating Software Bill of Materials (SBOM) generation using Trivy, improving visibility into third-party dependency risks across the organization
- Developed Jenkins pipelines to perform automated cloud infrastructure security scanning across AWS and Azure environments using Scout Suite, enabling continuous identification of misconfigurations and security risks
- Built automated authenticated ZAP scan pipelines targeting internal applications and control panels, integrating dynamic application security testing (DAST) into the CI/CD workflow
- Partnered with SRE and development teams to provide security architecture guidance for the ongoing migration of workloads from AWS to Azure, ensuring consistent security controls and compliance posture across both environments during transition
- Delivered security architectural reviews and static code analysis across the SDLC, reducing risk exposure prior to production deployments
- Led annual PCI DSS assessments to ensure continuous compliance with threat detection and data protection requirements
- Safeguarded data through deployment of WAFs and enforcement of data encryption using AWS CloudHSM (currently migrating to Azure Key Vault Managed HSM)
- Onboarded AWS accounts into AWS Organizations and AWS Control Tower to centrally govern and manage multi-account environments
- Applied service control policies (SCPs) to enforce compliance guardrails and prevent out-of-policy resource creation
- Deployed AlertLogic managed detection and response (MDR) across all AWS accounts to provide continuous threat monitoring and alerting

Principal Security Architect – Verizon Small Business Essentials

01/2020 to 06/2022

- Owned and led the enterprise-wide SAST program by onboarding all software deployment pipelines to JFrog Xray, enforcing a policy that blocked any high or critical vulnerabilities from reaching production
- Mandated and enforced SonarQube source code analysis across all deployment pipelines, establishing consistent code quality and security standards organization-wide
- Partnered with the Identity Management team to overhaul the corporate password policy, establishing rotation requirements and preventing password reuse across a 12-month history

- Developed in-depth security architecture standards, frameworks, and design patterns covering all layers of product security
- Provided security guidance across the product SDLC, including architectural reviews, threat modeling, and risk identification
- Communicated security architecture roadmaps to stakeholders, driving awareness and alignment across business and technical teams
- Served as subject matter expert on product roadmaps, industry security trends, and emerging best practices
- Drove strategic vision to align security investments with overall technology targets and business priorities

Sr. Site Reliability Engineer (SRE) – Yahoo Small Business

03/2016 to 01/2020

- Participated in deep architectural discussions to ensure solutions are secure, highly available, and scalable in the cloud.
- Developed project timelines, implementation specifications, system flow diagrams, documentation, and testing.
- Assessed incoming issues, prioritized, and troubleshooted appropriately as well as responded to after-hours escalations.
- Designed, implemented, and tested disaster recovery and business continuity architecture for ongoing system support.
- Utilized monitoring tools to proactively identify issues and trends while working closely with cross-functional partners.
- Created and implemented new system automation for cloud platforms to provide ongoing monitoring and alerting.
- Developed creative, practical solutions to resolve non-routine problems through analysis of application dependencies.
- Provided guidance and technical advice to Operations team to assist in resolving medium and higher severity incidents.
- Tracked issues through multiple ticketing systems and triaged problems to successful resolution within defined SLAs.

Escalation Engineer – Yahoo Small Business

02/2013 to 03/2016

- Triaged tickets daily, prioritized which issues need attention first, and worked with SREs to resolve system-wide issues.
- Accessed hosting and store servers and databases to resolve issues with high-grossing merchants solution accounts.
- Mentored and trained escalation technicians and effectively resolved cases that were escalated from the team.
- Wrote scripts in Bash and Python to automate fixes for the escalation team and provided high-level technical support.
- Provided phone support for frontline agents and Merchant Development with troubleshooting advice and quick fixes.

Previous Work History

Escalation Technician – Yahoo Small Business, Hillsboro, OR – 11/2011 to 02/2013

Merchant Development Account Specialist – Yahoo Small Business, Hillsboro, OR – 03/2010 to 10/2011

Senior Client Advocate – Yahoo Small Business, Hillsboro, OR – April 2008 - March 2010

Senior Support Representative – Stream International, Beaverton, OR – 08/2007 to 04/2008

Technical Skills

- **CI/CD & Automation:** Jenkins, Packer, Ansible, Chef
- **Container Security:** Docker, Trivy, Dependency-Track, Artifactory
- **Cloud Security:** AWS Organizations, AWS Control Tower, AWS Config, AWS GuardDuty, Scout Suite, MS Defender
- **Secrets Management:** AWS Secrets Manager, AWS SSM Parameter Store, Azure Key Vault
- **Encryption & Key Management:** AWS CloudHSM, Azure Key Vault Managed HSM (migration in progress)
- **DAST / SAST:** OWASP ZAP, SonarQube, JFrog Xray
- **Supply Chain Security:** Trivy, Dependency-Track
- **OS Hardening:** CIS Benchmarks, RHEL9, AlmaLinux
- **Security Frameworks & Compliance:** PCI DSS, CIS Controls
- **SIEM:** Graylog, Alert Logic
- **Identity & Access Management:** AWS IAM Identity Center, OneLogin, LDAP
- **Security Testing & Assessment:** Nessus, Armitage, Qualys, Alert Logic MDR
- **Operating Systems:** RHEL/AlmaLinux
- **Monitoring:** Sensu-Go, Zabbix
- **Cloud Platforms:** Amazon Web Services (AWS), Google Cloud Platform (GCP), Azure
- **Personal Projects & Continuous Learning:** Actively developing Terraform and Kubernetes skills deploying and managing containerized applications to a live Kubernetes cluster <https://free-slices.davidfischer.work/>

Education

Champlain College – Master of Science in Information Security (GPA 4.0) – 2022

Champlain College – Bachelor of Science in Computer Networking – 2007

Mercer County Community College – Associate of Applied Science in Network Engineering – 2005