MICHAEL A. SCHLOSSER

Senior Cloud & DevSecOps Security Engineer (Contract)

Target Roles: Senior Cloud Security Engineer | DevSecOps Security Engineer | IAM Security Engineer

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PROFESSIONAL SUMMARY

Senior Cloud & DevSecOps Security Engineer (Contract) with 10+ years of experience architecting and securing cloud-native platforms across global financial institutions, SaaS enterprises, healthcare organizations, media companies, and federal environments. Trusted security engineering partner for Kubernetes security programs, Zero Trust implementations, IAM modernization, and compliance-aligned cloud architecture (PCI-DSS, NIST, ISO 27001, SOC 1/2/3, HIPAA, HITRUST, FedRAMP). Known for reducing enterprise risk through automation, policy-as-code, and scalable security controls embedded directly into CI/CD and cloud infrastructure.

CORE SKILLS

Cloud Security & Architecture

AWS, Azure, GCP | Secure Cloud Architecture | Multi-Account Strategy | Zero Trust | Kubernetes Security (EKS/AKS/GKE) | Container Security | CSPM | Cloud-Native Controls

DevSecOps & Platform Security Engineering

Secure SDLC | CI/CD Security (Jenkins, GitHub Actions) | SAST/DAST/SCA | SBOM | Infrastructure-as-Code Security (Terraform, Ansible) | Policy-as-Code | Threat Modeling (STRIDE) | OWASP | API Security

Identity & Access Management (IAM)

Enterprise IAM Architecture | SSO | OAuth2 | SAML | RBAC | PAM | PKI | KMS/HSM | BYOK | TLS 1.2/1.3 | Access Governance

Automation & Security Engineering

Python | Bash | PowerShell | JavaScript | Security Control Automation | Compliance-as-Code | DevSecOps Pipeline Engineering

Compliance & Regulated Environments

PCI-DSS | NIST | ISO 27001 | SOC 1/2/3 | HIPAA | HITRUST | FedRAMP

PROFESSIONAL EXPERIENCE

NoSec Cybersecurity Consulting | Security Engineering Founder & Principal Consultant | Jan 2025 – Present

- Lead contract-based security engineering engagements focused on cloud security architecture, DevSecOps pipeline hardening, and IAM modernization.
- Advise enterprise clients on Kubernetes security, Zero Trust design, and compliance-aligned multi-cloud strategies.
- Design scalable security reference architectures integrating AWS, Azure, and GCP with embedded policy-as-code and automated guardrails.

Adobe | Senior Cybersecurity Engineer (Contract) | Apr 2023 – Dec 2023

- Implemented Kubernetes and container security program reducing critical vulnerabilities by ~40% across 300+ workloads.
- Engineered cloud-native controls improving time-to-remediation by 35%.
- Led SOC 3, ISO 27001, and NIST control implementation supporting audit readiness.

HHAeXchange | Senior Application Security Architect (Contract) | Oct 2022 – Mar 2023

- Built enterprise AppSec program covering 100+ applications integrating SAST, DAST, RASP, and container scanning.
- Embedded shift-left security across AWS and Azure CI/CD pipelines.

- Reduced high-risk findings by ~30% in HIPAA/HITRUST-regulated environments.

Santander | Senior Security Architect (Contract) | Jun 2021 – May 2022
- Designed IAM architecture for digital banking platforms serving millions of users.
- Reduced AWS misconfigurations by ~25% through DevSecOps standards and threat modeling.
- Led PCI-aligned security architecture reviews within regulated financial systems.

WarnerMedia | Senior DevSecOps Engineer (Contract) | Jun 2021 – Feb 2022
- Automated Jenkins pipelines enforcing secure network segmentation and infrastructure guardrails.
- Implemented CSPM and workload protection using AWS-native services.
- Saved ~100 engineering hours monthly through security automation and prevented downtime events.

Deutsche Bank | Senior DevSecOps Engineer (Contract) | Nov 2020 – Apr 2021
- Delivered secure GCP infrastructure using Terraform and Prisma policy enforcement.
- Automated 500+ compliance controls as code improving audit readiness.
- Embedded PCI and ISO controls directly into CI/CD pipelines.

22nd Century Technologies | Senior DevSecOps Engineer (Contract) | Apr 2020 – Sep 2020
- Built secure Jenkins pipelines aligned to FedRAMP and NIST frameworks.
- Integrated OWASP and SCA scanning into CI/CD workflows.

Bechtel Corporation | Senior DevSecOps Engineer (Contract) | Sep 2019 – Feb 2020
- Engineered Azure AKS Kubernetes security automation using Terraform and GitHub Actions.
- Embedded container security scanning into CI/CD pipelines.

JPMorgan Chase | Software Security Engineer (Contract) | Feb 2019 – Jul 2019
- Embedded application security controls into CI/CD pipelines supporting 1,000+ developers.
- Reduced critical findings by ~30% using PCI/NIST-aligned controls.

Travelers | Information Security Engineer (Contract) | Sep 2018 – Feb 2019
- Delivered DLP, CASB, and proxy security in hybrid AWS environments.
- Investigated security events using Splunk and ELK strengthening IAM posture.

NASA | DevOps Systems Security Engineer (Contract) | Feb 2018 – Oct 2018
- Secured AWS/Azure hybrid infrastructure using Terraform and Ansible.
- Implemented IAM, PAM, RBAC, and PKI reducing unauthorized access risk by ~25%.

Wells Fargo | Information Security Engineer (Contract) | Nov 2017 – Jan 2018
- Delivered TLS 1.2/1.3 encryption upgrades and BYOK lifecycle management.
- Built Splunk dashboards improving encryption audit visibility.

UnitedHealth Group | DevSecOps Systems Engineer (Contract) | Dec 2016 – May 2017
- Implemented vulnerability scanning and CIS hardening reducing configuration drift by ~35%.
- Automated Puppet-based security management processes.

Mendix | Application Security Support Engineer (Contract) | Mar 2016 – Nov 2016
- Secured PaaS/SaaS platforms using OAuth2, SAML, PKI, and container controls.
- Improved SLA performance by ~20% through incident reduction.

Man Group | Systems Security Support Engineer (Contract) | Mar 2015 – Feb 2016
- Secured financial trading systems across AWS, Linux, and Windows platforms.

- Reduced MTTR by ~30% through improved triage processes.

Amazon | Application Support Security Analyst | Jan 2014 – Jun 2014
- Performed application security testing and QA for Fire OS initiatives.
- Reduced pre-release defects by ~20% prior to production launch.

STARTUPS & LEADERSHIP

ELF ID (FreQuid) | Information Security Developer & Founder | 2024 – Present
- Architecting next-generation cryptographic identity frameworks focused on modernizing PKI, OAuth2, and decentralized authentication models.
- Designing secure identity architectures aligned to enterprise IAM standards and cloud-native security controls.
- Developing governance-aligned trust models for emerging internet and Web3 ecosystems.

EDUCATION

B.S., Rensselaer Polytechnic Institute (2013)

Cybersecurity Program (CISSP-level curriculum), Boston College (2016–2017)

CERTIFICATIONS & TRAINING

CompTIA Security+ | ForgeRock IAM | AWS Cloud Security | Azure Cloud Security | CISSP — In Progress (Target 2026)

PROFESSIONAL DEVELOPMENT & SABBATICAL | Jan 2024 – Dec 2024

Completed advanced hands-on research and lab-based implementation in Kubernetes runtime security, cloud-native Zero Trust architecture, IAM modernization, and AI supply chain risk mitigation. Built production-grade security reference architectures across AWS and GCP environments while expanding DevSecOps automation and threat modeling capabilities.