

Richard Penshorn



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Contact Information

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Programming Languages

Python, Java, JavaScript, Perl,
Bash, Ruby, C/C++, C#, PHP,
Go

Development Technologies

Snyk, Github, Gitlab, Django,
.Net, Flask, Kubernetes, Rails,
NodeJS, Go, Spring, JQuery

Cloud Technologies

GCP: API Gateway, Cloud Run,
Cloud Build, Okta, AWS: EKS,
ECR, Lambda, Terraform

IT Technologies

OKTA, Nudge Security, Zero
Trust, OpenVPN, Ubuntu,
ChromeOS, MacOS,
SimpleMDM, Jamf, Chef,
Google Cloud, Cloudflare,
Cloudflare Access, Pritunl,
Container OS, Docker, AWS,
SAML, Splunk, RHEL, CentOS,
Box.com, Jira, Kali, Office365,
Google Apps, Airflow

Security Technologies

Splunk, Carbon Black,
Crowdstrike, U2F, FIDO2,
OSSEC, Google Security
Center, AWS Security, Graylog,
ELK, Security Onion, Google
Admin, Snyk, Passkeys

Experience

Nov 2022–Present

Netflix

Seattle, WA

Security Engineer - L5

At Netflix, I focus on reducing enterprise security risk through scalable identity and vendor management initiatives. I helped the enterprise identity team select passkeys as our next investment area for workforce authentication and led efforts to modernize our MFA policies. I also supported the rollout and ongoing management of our corporate password manager.

I partnered with our adjacent engineering team to design a knowledge graph of our vendor footprint to address vendor risk at scale. I led the implementation of Nudge Security, enabling our team to detect and correlate SaaS usage across the company.

More recently, I've focused on operational efficiency by leveraging large language models (LLMs) to classify and tag internal support content. This work has improved discoverability, reduced internal support times, and allowed our team to focus on high-risk areas while tracking accepted risks in a structured way.

Jan 2020–Nov 2022

Modern Stack

Seattle, WA

Founder & CEO

I founded Modern Stack on the principle that any company, regardless of size, should have easy access to cybersecurity services and products. We believe development teams should focus on revenue activities while leaving cybersecurity risk management to a trusted partner. Utilizing best industry practices, Modern Stack provided specialized cybersecurity risk reduction services, including providing consulting around DevSecOps, Penetration Testing, and Zero Trust.

The company generated 300k+ in revenue and had a sales pipeline of repeat and new customers.

I decided to sunset Modern Stack due to not reaching our product-to-market fit and reliance on services revenue over product revenue. Deciding to sunset a company comes with many hard lessons and emotions; however, the lessons I will take away from this experience were finding the right co-founding team and staying focused on the end goal.

Sept 2019–Dec 2020

Cruise

Seattle, WA

Senior Security Engineer

At Cruise, I worked on the security team to protect intellectual property from internal and external threats. I partnered with privacy and legal to build a Data Loss Prevention (DLP) program for cloud and endpoints, reducing risk through real-time user feedback, improved detection feeds, and proactive user engagement.

Jan 2015–Sept 2019

Praetorian

Seattle, WA

Practice Director

As Practice Director, I lead scoping, closing, planning, and occasionally executing technical security projects. I'm building a new service line—Defense Enablement—focused on technologies like Google BeyondCorp and Zero Trust. I also guide clients in adopting frameworks like NIST CSF for strategic risk management. I oversee strategic consulting for projects outside traditional service lines, including a multi-brand NIST CSF evaluation for executive use.

University

Class of 2014

University of Texas at Austin

Austin, TX

BS in Electrical and Computer Engineering

