STEPHANIE SHINN

952-201-4434 | Chanhassen, MN | stephanieshinn@outlook.com

LinkedIn: linkedin.com/in/stephanie-s-shinn | GitHub: github.com/ShinnDing

Portfolio: shinnding.github.io/stephanie-shinn-resume

PROFESSIONAL SUMMARY

IAM Consultant with a background in identity engineering, PKI, and security automation supporting large-scale enterprise cloud identity platforms. Experienced in SSO integrations, CI/CD pipelines, and operational support for identity services. IEEE-published researcher focused on post-quantum cryptography and securing real-world systems.

CORE COMPETENCIES

Identity & Security: IAM, SSO (SAML, OIDC), PKI, Quantum-Safe PKI (QS-PKI), Post-Quantum Cryptography (PQC), Security-as-Code

Cloud & IAM Platforms: Microsoft Azure, Microsoft Entra ID, Microsoft 365, AWS, Active Directory, Keyfactor, Entrust, Jira, HashiCorp Vault, Datadog, SailPoint, Okta Automation & Infrastructure: Vela, GitHub Actions, Go, Terraform, Docker, Podman, CI/CD Pipelines, Infrastructure-as-Code

Programming Languages: Go, Java, JavaScript, Python, Bash, PowerShell, JSON, YAML

Data & AI Tools: Jupyter, Scikit-learn, LLM workflows, Local and hosted LLM tooling

Web Technologies: HTML, CSS, Adobe Creative Suite

PROFESSIONAL EXPERIENCE

IAM Consultant (IAM Engineering)

 — Cargill, Inc. | Wayzata, MN | August 2025 – Present (Remote)

- Promoted to Professional level within IAM Engineering based on technical excellence and operational impact
- Support enterprise IAM platform reliability, SSO implementations, and PKI operations across global infrastructure
- Design and implement IAM infrastructure and security automation solutions
- Collaborate with cross-functional teams to integrate identity services with business-critical applications

Associate IAM Consultant / Platform and Infrastructure Engineer

— Cargill, Inc. | Wayzata, MN | October 2022 – July 2025 (Remote)

- Supported continuous improvement of IAM tooling and operational processes for enterprise identity platform
- Enhanced CI/CD pipelines using GitHub Actions and Vela to streamline deployment workflows
- Supported IAM services for 10,000+ enterprise users across global infrastructure
- Troubleshot complex SSO integrations and authentication flows (SAML, OIDC) for enterprise applications
- Executed PKI-related tasks including certificate lifecycle management, troubleshooting, and rotations
- Developed reusable API libraries and authored standard operating procedures (SOPs) for team efficiency

Office Administrator

— Garmin International, Inc. | March 2014 – June 2022

- Managed day-to-day office operations and supported internal technology infrastructure needs
- Updated technical release notes using HTML, CSS, and JavaScript for product documentation
- Created training materials and promotional media using Adobe Creative Suite

EDUCATION

Master of Science in Computer Science — Metropolitan State University | December 2025 | GPA: 3.88

RESEARCH & PUBLICATION

CRYSTALS-Kyber KEM Decapsulation with Single-Point Pseudo-Random Cache Flushing

https://ieeexplore.ieee.org/document/11250566

Published in IEEE | Presented at VCRIS 2025, Vietnam | October 2025

PROFESSIONAL DEVELOPMENT

VCRIS 2025 – Hanoi, Vietnam

Open Source North 2025 – St. Paul, MN

Udemy: Java Programming Masterclass (Java 11 & 17) – 80.5 hours

LinkedIn Learning: Active Directory, Azure DevOps, REST APIs, HTML/CSS/JavaScript, SQL

PROFESSIONAL AFFILIATIONS

Cargill Women in IT | Cargill Young Professionals Network | WomenTech Network | National Society of Leadership & Success