# Gregory Walsh

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## EXPERIENCE

**State Street Bank** **Jul. 2025 – Present**

*VP Cybersecurity, PKI & CLM Governance* *Princeton, NJ*

- Design and drive an enterprise encryption and certificate scorecard, giving executives visibility into cryptographic risk.
- Oversee remediation of cryptography findings, from evidence review to risk escalation and closure.
- Partner with cross-functional teams to author SOPs and standard controls for certificate and key management.
- Support post-quantum cryptography (PQC) readiness, building a cryptographic inventory and migration roadmap.

**Dan's Tech Support LLC** **Dec. 2022 – Present**

*Managed Service Provider (MSP) Partner* *Egg Harbor, NJ*

- Administer IT infrastructure for 10 clients across on-prem, hybrid, and cloud environments, implementing best practices.
- Manage Microsoft 365 environment including Entra ID for SSO, Conditional Access policies, 2FA, and endpoint protection.
- Translate compliance requirements (PCI DSS, HIPAA, NIST CSF, ISO 27001) into security controls for client environments.

**Noblis, Contractor for FAA** **Sep. 2020 – Jul. 2025**

*PKI Security Engineer & Systems Administrator* *Egg Harbor, NJ*

- Operated Thales Luna Hardware Security Modules (HSM) for CA key protection and supported key rollover ceremonies.
- Managed the lifecycle of 40,000+ FAA PKI certificates (issuance, revocation, validation) in compliance with federal standards.
- Built Ansible playbooks and Python scripts to automate deployments, updates, monitoring, and PKI lifecycle tasks.
- Deployed EJBCA as an on-prem Certificate Authority (CA), configuring certificate profiles, Registration Authorities (RAs), SCEP, ACME, and advanced monitoring with Prometheus, SNMP, and Grafana dashboards.
- Managed 100+ virtual machine deployments across multiple environments, ensuring traceability and compliance.
- Administered and supported CA services, including CRL, OCSP, certificate lifecycle management, and LDAP.

**Stockton University** **May 2019 – Jul. 2025**

*Adjunct Professor | Jul. 2021 – Jul. 2025* *Galloway, NJ*

- Taught Java and Python programming, mentoring 100+ students on programming fundamentals.

*IT Helpdesk Technician | May 2019 – Sep. 2020*

- Administered macOS and Windows systems using Jamf, Bash, SCCM, GPOs, AD, and M365.

## EDUCATION

**Stockton University** **Oct. 2020**

*MS Data Science & Strategic Analytics, GPA: 4.0* *Galloway, NJ*
*BS Computer Science & Information Systems, GPA: 3.6*

## CERTIFICATIONS, SKILLS & TECHNOLOGIES

- **Certifications & Clearance:** F5 BIG-IP Certified Administrator | Public Trust (Expires Sep. 2027)
- **Skills:** PKI/CLM; HSM Key Management; IAM; Linux Administration; Networking Concepts (DNS, SSL/TLS, TCP/IP); Security Audits & Compliance (PCI DSS, NIST, ISO); Technical Presentations & Training; DevSecOps; Python & Bash
- **Technologies:** EJBCA/KeyFactor; DigiCert; Thales Luna HSM; HID (OCSP & VA); Docker; Ubiquiti; Ansible; Linux (RHEL, Debian); AWS; Azure; F5; NGINX; Broadcom/VMware products; Atlassian products; GitLab; Grafana; Prometheus; Databases (MySQL, PostgreSQL)