Stephen L. Lange

Security Architect

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in stvlange

SUMMARY

Highly accomplished Security Professional and Architect with extensive experience spanning architecture design, engineering, system administration, and team management. Proven leader in designing and delivering targeted, cost-effective IT security solutions that align complex business needs with strict budgetary and time constraints. Recognized for combining strategic decision-making with hands-on technical expertise to drive security maturity.

SKILLS

Cloud Security Expertise (GCP/AWS)	**Security Architecture & Strategy**	**Identity & Access Management (IAM)**
Data & Infrastructure Security	**Security Operations & Risk Management**	**Governance, Risk, and Compliance (GRC)**
Security Stack Management	**Cloud Infrastructure Automation Security Policies**	**Cross-Functional Leadership**
Technical Supervision & Mentorship	**Strategic Decision-Making**	**Resource Management**

WORK EXPERIENCE (5)

Jan 2014 - Current

Director Principal Architect (Security) at

📍 **Chicago, US**   ⧉ https://cmegroup.com

Led the design and delivery of integrated security solution architectures, standards, and reference architectures across global infrastructure.

Provided high-level technical expertise and strategic leadership across multiple security domains to drive the evolution of infrastructure and information security. Acted as a key security liaison, ensuring timely delivery of solutions and alignment with business and regulatory requirements.

- Architected & Delivered: Designed and implemented robust, integrated security solutions, reference architectures, and standards for complex infrastructure environments.

- Strategic Planning: Drove infrastructure security strategy, roadmaps, and demand management, serving as a security subject matter expert and business liaison.

- Technical Domain Expertise: Provided deep technical expertise across critical security domains, including networking, virtualization, Identity & Access Management (IAM), cloud computing, directory services, databases, and the security stack (IDS/IPS, SIEM).

- Compliance & Mentorship: Applied knowledge of security and regulatory frameworks (NIST, CIS, RegSCI, HIPAA) to design, while providing security mentorship and design consultation to technical teams across the organization.

- Cross-Functional Leadership: Collaborated with Global Information Security (GIS) and Technology leaders to facilitate successful, on-time delivery of security and business solutions.

Jan 2012 - Jan 2014

Senior Security Architect at

📍 **Chicago, US** ↗ https://www.transunion.com

- Architected and implemented robust security systems following a defined methodology (planning, implementation, testing) to meet and exceed enterprise information security requirements.
- Developed and standardized comprehensive security policies and procedures, serving as the definitive reference for security operations and governance across the organization.
- Provided security mentorship and technical guidance to team members, elevating the overall skill level and architectural consistency of the security engineering team.

Jan 2010 - Jan 2012

Security Administrator at

📍 **Aurora, US** ↗ https://www.uhh.org/

- Spearheaded threat identification, investigation, and risk abatement strategies to safeguard the Confidentiality, Integrity, and Availability (CIA) of critical systems and data.
- Served as a principal advisor and auditor, directly responsible for maintaining and reporting on strict HIPAA security and privacy compliance posture across all enterprise systems.

Jan 1995 - Jan 2010

Networking Services Supervisor at

📍 **Aurora, US** ↗ https://www.uhh.org/

- Managed and mentored an 8-person cross-functional team of Network Administrators and Help Desk personnel, overseeing operations for critical infrastructure, including Windows, AIX, and Linux systems.
- Functioned as a hands-on technical supervisor, providing advanced expertise and direct support in both technical resolution and team development.

Jan 1988 - Jan 1994

Squad Leader / Sergeant (E-5) at

📍 **Elgin, US** ↗ https://www.il.ngb.army.mil/Organizations/Army-National-Guard/

- Promoted to Sergeant (E-5) / Squad Leader, overseeing the training, readiness, and successful execution of missions for a 10-person Light Infantry Squad (11B).
- Demonstrated primary leadership capabilities by successfully completing the rigorous Army Primary Leadership Development Course (PLDC).
- Managed and maintained sensitive equipment, ensuring 100% operational readiness across all personnel and assets.

VOLUNTEER

Jan 2007 - Jan 2019

Adult Leadership Volunteer at Scouting America

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Volunteered as Den Leader, Cubmaster, Assistant Cubmaster and Wood Badge Staff member in support of my son over the course of his Scouting journey, concluding when he reached the rank of Eagle Scout.

EDUCATION (1)

1988 - 1992

BS English at Illinois State University

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CERTIFICATES

Jan 2019

Six Sigma White Belt

Six Sigma Council

🔗 https://www.google.com/search?
q=six+sigma+white+bet&oq=six+sigma+white+bet&gs_lcrp=EgZjaHJvbWUyBggAEEUYOTIJCAEQABgNGIAEMgkIAhAAGA(
8#:~:text=Six%20Sigma%20White%20Belt%20Certification,six%2Dsigma%2Dwhite%2Dbelt%2Dc...

Jan 2017

GIAC Certified Intrusion Analyst

SANS

🔗 https://www.giac.org/certifications/certified-intrusion-analyst-gcia/

Jan 2016

GIAC Certified Incident Handler

SANS

🔗 https://www.giac.org/certification/certified-incident-handler-gcih

Jan 2012

GIAC Security Essentials

SANS

🔗 https://www.giac.org/certification/security-essentials-gsec

PUBLICATIONS

Jun 2021

Strategies for Combating Cloud Security Risks in Hackernoon

The article emphasizes combating cloud security risks by implementing Infrastructure as Code (IaC) via orchestration
pipelines, alongside rigorous least-privilege IAM policies (using scoping and conditions).

LANGUAGES

English

Fluent

REFERENCES

" Please email for references. "

Available Upon Request