

Peter Snelgrove

Senior Principal Software Engineer

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SUMMARY

- 10+ years of software engineering experience in cloud security, SaaS, and startup environments
- Full-stack engineer with strong preference to backend and data oriented work
- Extensive Python expertise and growing experience in Go and low-level systems programming
- Extensive experience with multi-cloud compliance platforms, data pipeline development, and distributed systems
- Prioritizes a shift-left strategy for security, customer engagement, and testing in the SDLC
- Adaptable to the needs of the moment across development, coaching, product, and customer engagement

SKILLS

Backend Development — Expert. **Keywords:** Python, Go, REST APIs, SQLAlchemy

Cloud Security — Expert. **Keywords:** CSPM, AWS, Azure, GCP, IAM, Compliance

Databases — Advanced. **Keywords:** PostgreSQL, DuckDB, MySQL, SQLite, Redis

Infrastructure & DevOps — Intermediate. **Keywords:** NixOS, Linux, Docker, Kubernetes, CI/CD

EXPERIENCE

Senior Principal Software Engineer — Rapid7

Jan 2024 – Present

<https://www.rapid7.com>

- Transitioned from Director of Engineering to individual contributor to deepen technical focus
- Rewrote core cloud resource harvesting pipeline using DuckDB, significantly improving query performance and scalability
- Driving Go adoption for new service development within the Cloud Security product
- Modernized CI/CD pipelines, reducing build overhead and improving developer iteration speed

Keywords: Go, DuckDB, Python, Cloud Security

Director of Engineering — Rapid7

May 2020 – Jan 2024

<https://www.rapid7.com>

- Led engineering organization for Cloud Security product pillar following acquisition of DivvyCloud
- Scaled team to include first international engineering group based in Belfast, Ireland
- Drove product strategy for CSPM platform, balancing coverage expansion with addressing foundational technical debt
- Advocated for infrastructure modernization to maintain competitiveness against a maturing cloud security market

Keywords: CSPM, Leadership, Cloud Security, Team Building

Software Engineer to Director of Engineering — DivvyCloud

May 2015 – May 2020

[Acquired by Rapid7 in 2020](#)

- Joined as employee #6 at cloud security startup pioneering Cloud Security Posture Management (CSPM)
- Built security compliance and automation framework in Python using SQLAlchemy to express multi-cloud policy enforcement as composable database queries
- Developed normalization layer for cloud resource configuration data across AWS, Azure, and GCP
- Overhauled job scheduling and messaging system, resolving a long-standing performance ceiling that blocked scale

- Grew organically into co-Director of Engineering, leading team building and delivery acceleration through the Rapid7 acquisition

Keywords: Python, CSPM, SQLAlchemy, AWS, Azure, GCP, Leadership

Founder & CEO — Knollgrass Inc.

Sep 2013 – May 2015

- Founded SaaS marketplace platform for ASL interpreter scheduling and workforce management
- Led full-stack development using Python for backend web services
- Raised seed funding through Washington DC startup accelerator
- Managed a small team of early engineering contributors through product development and market validation

Keywords: Python, SaaS, Startup, Full-stack

Interpreter & Operations Manager — Snelgrove & Associates LLC

Jul 2010 – Aug 2013

- Operated ASL interpreting agency serving the Deaf community across central Alabama
- Specialized in mental health and post-secondary STEM education
- Developed internal scheduling software that became the foundation for Knollgrass Inc.

Keywords: ASL, Startup, Full-stack

PROJECTS

NixOS Homelab — Self-hosted home network and services

Dec 2022 – Present

- Designed and operate a multi-host home network including a custom NixOS-based router, desktop workstation, and various services
- Self-host public and internal services behind Caddy reverse proxy with split DNS and Tailscale MagicDNS
- Ongoing experiments with self-hosted email for low-touch neighborhood association and personal data management automation

Keywords: NixOS, Nix, Networking, Self-hosting

EDUCATION

Bachelor of Science, ASL & English Interpretation — Eastern Kentucky University

Aug 2006 – Apr 2010

<https://www.eku.edu>

- National Interpreter Certification, Registry of Interpreters for the Deaf (<https://rid.org/certification/>)

LANGUAGES

English — Native or Bilingual Proficiency

American Sign Language — Native or Bilingual Proficiency

INTERESTS

Technology — NixOS, Homelab, Self-hosting, Zig, DuckDB

Crafts — Sourdough Baking, Wood Turning, Gardening