Samuel Kevetter

Senior Software Engineer - Dept. of War Security Clearance

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Summary

Senior engineer and technical leader with 8+ years of experience driving operational efficiency and shaping organizational strategy across AI, cloud infrastructure, and security domains. My background spans military operations and software development, enabling me to bridge technical and business stakeholders. My core expertise is in AI large-language-model (LLM) security applications, containerization and Kubernetes platforms, and cloud-native platform engineering.

Experience

Amazon	Seattle, WA
Software Development Engineer — LLM Applications, Security, and Cloud Infrastructure	May 2023 - Present

- Technical lead for several organization-wide AI initiatives, designing and delivering multi-agent LLM applications that automate security workflows and operational decision-making within Amazon Security.
- Architect and owner of a production-grade Agentic Security Platform, defining best practices for LLM agent design, agentic workflows, capturing observability trace data via a self-hosted Kuberenetes service, and employing secure deployment patterns for production services at scale.
- Designed and deployed containerized AI workloads using OCI/Docker, ECS, and AgentCore, enabling reliable, scalable execution of AI agents in production environments.
- Built high-availability, low-latency cloud infrastructure supporting distributed 5G and edge network functions using AWS EKS, Telco Network Builder, and cloud-native network primitives.
- Led the design and automation of scalable infrastructure using Lambda, S3, EC2 Auto Scaling, and CloudFormation, reducing operational overhead and improving deployment consistency.
- Owned private networking and resiliency architecture (VPC, PrivateLink, ElastiCache); developed a Lambda + Step Function healh-monitoring and auto-remediation system that identified and mitigated 5 service outages the first month of deployment.

US Navy Reserve	Global
Military Officer	July 2017 - Present

- Supported United States, Far East, and NATO coalition forces through multiple deployments to contested regions, operating and sustaining mission-critical systems.
- Owned operational logistics and lifecycle management for classified environments, including secure computer networks, software distribution, identity and access management, and security patching.

Ocean Shipholdings	Global
Senior Operations Manager, Maritime Logistics and Technology	July 2019 - January 2022

- Executive Officer and Department Head on a U.S. Navy surveillance vessel, leading 10+ personnel and overseeing operational execution, system readiness, and cross-functional coordination for national-security missions.
- Led technical teams responsible for the architecture, reliability, and security of mission-critical, high-availability systems supporting classified operations; owned technical strategy, risk tradeoffs, and execution across distributed teams.

Experience

Crowley Government Services and Sealift — Global
Maritime Operations Manager — July 2017 - March 2019

- Managed day-to-day ship operations aboard a U.S. Navy surveillance vessel, ensuring vessel safety, regulatory compliance, and operational readiness. Coordinated with millitary and civilian personnel on national-security missions, developing leadership, risk management, and decision-making skills in high-tempo environments.

Projects

Devpod
Lead maintainer of devpod, an open-source developer environment platform written in Go. Implemented features and improvements related to containerized development workflows, remote environments, and reproducible dev setups.

Picolayer
Lead maintainer of a devcontainer utility management application written in Rust. Focused on performance, safety, and efficiency for container-native and build-system workflows.

Awards

Navy and Marine Corps Overseas Service Ribbon

Armed Forces Service Medal

Naval Reserve Sea Service Ribbon

National Defense Service Medal

Global War on Terrorism Medal

Merchant Marine Expeditionary Medal

Skills

Programming

Python, Java, SQL/NoSQL, Rust, Golang, Swift, Objective C/C++, Kotlin, Typescript/Javascript, HTML/CSS, R

Tools and Technologies

AWS, LLM, AI, Agentic Workflows, Kubernetes, Docker, Github, PostgreSQL, DynamoDB, GCP-Bigquery, Single-board computing, Tensorflow, Scikit-learn, PyTorch, Numpy, Pandas, Spring/Springboot, Dagger, Ansible, Terraform, Pulumi

Domain Knowledge

AI and Machine Learning (LLMs), Containerization, ETL, Cloud Computing, Strategy and operations, 5G/RAN Cellular Networking, Virtualization, Creative problem-solving, Project management, SOLID Programming design patterns, Object-oriented programming, Data modeling & management, Data privacy & security

Certifications

PCPP1 - Certified Professional Python Programmer
OpenEDG Python Institute

CompTIA Security+ ce
CompTIA

CompTIA A+
CompTIA

AWS Academy Machine Learning Foundations
Amazon Web Services

CyberOps Associate
Cisco

Cisco IT Essentials
Cisco

Chief Mate Unlimited Tonnage
United States Coast Guard

Master Under 1600 GRT
United States Coast Guard

Education

Southern Methodist University   Masters • 4.0
Machine Learning and Artificial Intelligence

United States Merchant Marine Academy   Bachelors • Cum Laude
Maritime Operations, Logistics, and Security

Purdue University Northwest, IN   Vocational
Artificial Intelligence Cybesecurity

Community Service and Activities

DFW Pythoneers   TX
A member of python programming enthusiasts group local to the Dallas-Forth Worth area who promote continuous
learning and mentorship through the python programming language

Decatur Public Library   TX
Volunteer

National Honor Society   TX
Volunteer

Interests

Machine Learning and Artificial Intelligence   devcontainers

nixOS   Cryptography

Cybersecurity   [*]vim / [*]rc / dotfiles