

# Steven Kreitzer

## Software Reliability Engineer

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### EXPERIENCE

#### Systems Reliability Engineer

Cloudflare 2020 - Ongoing cloudflare.com

- Participated in an on-call rotation and provided prompt response to production incidents.
- Identified single points of failure and improved deployment to enhance reliability.
- Developed software solutions to automate organizational tasks.

#### Software Engineer Advisor

General Dynamics Information Technology 2019 - 2020 gdit.com

- Designed comprehensive system architectures encompassing software, hardware, and communications to meet present and future cross-functional requirements and interfaces.
- Supported the development of cross-functional, large-scale automated information systems, including enterprise architectures.
- Successfully deployed secure hybrid cloud systems into production while meeting SLAs.

#### Software Engineer

Blackspoke 2018 - 2019 blackspoke.com

- Constructed and upheld cloud infrastructure to bolster team and customer initiatives.
- Conceived a system monitoring solution that directly improved Site Reliability Engineers' ability to rectify issues.
- Upheld industry-standard practices for security and reliability, and spearheaded security initiatives.

#### Lead Technologist

Booz Allen Hamilton 2017 - 2018 bah.com

- Ensured seamless operation of multi-user computer systems.
- Pioneered advanced concepts, techniques, and standards to create new applications based on professional principles and theories.
- Recommended hardware and software purchases, coordinated installations, and implemented backup recovery procedures.

#### Associate Security Engineer

Amazon Web Services 2016 - 2017 aws.amazon.com

- Conducted extensive data analysis, correlating information from varied systems, and utilized metrics to fuel continuous system enhancements.
- Prioritized and addressed security concerns, promptly identifying effective mitigations for large-scale implementation.
- Authored and delivered security incident reports to Andy Jassy, CEO of Amazon Web Services.

#### Information Technology Specialist

173rd Airborne Brigade 2013 - 2016 skysoldiers.army.mil

- Supervised a team of three system administrators who provided technical assistance to customers experiencing issues on their end-user devices.
- Engineered and implemented applications that expedited task completion for both customers and administrators.
- Conducted yearly assessments of the Battalion's Certification and Accreditation/Tenable Security Plan.

#### Founder & Software Engineer

Corruption RSPS 2009 - 2013 corruption-rsps.net

- Managed a team of 3 software engineers working on a massive multiplayer online role-playing game.
- Consistently developed and engineered new features and ideas weekly.

### SUMMARY

As a **military veteran** with over a decade of experience, I have honed my skills in technology and developed a passion for bringing innovative ideas to life with scalable and production-ready capabilities. As a **self-taught technology hobbyist**, I am constantly exploring cutting-edge hardware and software stacks, always striving to stay ahead of the curve.

### SKILLS

Kubernetes	Containers	Flux CD
Helm	GitOps	DevOps
Observability	Linux	Talos
Python	Go	Javascript
		Bash

### ACHIEVEMENTS

#### 🔧 Reboot automation framework

Designed and implemented a cutting-edge reboot automation framework that ensured safe, reliable, and scalable server reboots, even for servers with diverse configurations and roles.

#### 🔧 Artificial intelligence platform success

Created an advanced artificial intelligence platform that detects and displays objects from satellite imagery in real-time. This platform's success drove a government contract proposal and led to the establishment of a new business area, including hiring for new positions.

#### 🔧 Reduced security blast timeline

Engineered a vulnerability scanning solution that reduced the scanning time from 5 weeks to under 8 hours, with real-time reporting for on-call personnel to identify affected teams and assets during their shift.

### PASSIONS

#### ❤️ Tinkering with technology

I am passionate about pushing technology to new heights and continuously expanding my knowledge in the field. My **homelab** provides a stimulating learning environment and a platform to deploy and experiment with the latest open-source technologies.

### EDUCATION

#### Bachelor in Computer Science

Northern Virginia Community College

2016 - Ongoing GPA 4.0 / 4.00