

# Will Walker

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Platform engineer with 5+ years of experience in DevSecOps and software development. Proven track record driving innovative software projects through individual contributions and cross-team collaboration. Strong communicator who leads diverse teams building technical solutions that deliver quantifiable business value. Top Secret Security Clearance.

## PROFESSIONAL EXPERIENCE

### UNITED STATES AIR FORCE | SAN ANTONIO, TX | APRIL 2022 - PRESENT

#### **Cyberspace Capabilities Developer**

*Leads mission application software development projects in support of national security initiatives*

- Led the integration of DevSecOps practices across 9 cross-functional teams, creating a comprehensive repository that enhanced software development efficiency and security for 7 mission applications.
- Cut testing times by over 90% across 6 software projects through automated functional testing, accelerating project delivery and enhancing operational readiness.
- Fostered a cross-organization partnership between software developers and primary platform provider as a liaison for the enterprise core services team, providing support for 10+ services across 6 Kubernetes clusters for over 200+ payload developers
- Collaborated across 5 government and commercial organizations to establish the U.S. Cyber Command's Joint Development Environment, securing vital domains for the launch of Software Factories, enhancing the U.S. Air Force's cyber capabilities.
- Drove his software development team to the Innovation Team of the Year award (2023) at the division-level, which recognized them among their cohort of 25 teams for outstanding leadership, surpassing project goals, and fostering an environment of excellence and innovation.
- Developed 2 payload development support Kubernetes applications, contributing to the open-source community and marking the organization's first open-source project release in years, setting a new precedent for future innovations.

### SELF-EMPLOYMENT | JANUARY 2016 - PRESENT

#### **Freelance Software Developer**

*Develops personal projects using AI/ML and mobile technologies*

- Successfully developed a portfolio of 6 macOS/iOS applications with over 70K downloads from the App Store, including a first-of-its-kind human interface web-extension toolkit in Swift to provide web accessibility to individuals with disabilities.
- Pioneered the public launch of AI/ML feature-rich update to AFI Explorer, which delivered LLM chat capabilities via novel server-less compute solution to over 28K users in less than 6 months.

### GOLD BAR DIVERSITY RECRUITER | BOSTON, MA | JUNE 2020 - AUGUST 2021

#### **Digital Recruitment Strategist**

*Led digital strategy for Air Force Recruiting*

- Overhauled the Air Force's digital recruitment by updating websites, creating digital newsletters with a 45% open rate, generating 12K web views in 9 months, and developing a contact database to foster relationships with over 1K educators and 22 schools, significantly boosting recruit engagement and strengthening educational community outreach.

## EDUCATION

**B.A. Computer Science**, University of Delaware, 2020

**Undergraduate Cyberspace Warfare Training**, United States Air Force, 2022

## CERTIFICATIONS

**CompTIA Security+**, 2022

**Certified Kubernetes Administrator (CKA)**, 2023

## TECHNICAL SKILLS

**DevSecOps:** Kubernetes | Helm | GitOps | GitLab CI/CD | Terraform | Packer | Docker | Ansible | VMware

**Software Development:** Swift | TypeScript | Python | Go | Bash/Shell Scripting | C | C++ | Java

**Enterprise Cloud:** Cloudflare | AWS | Azure

**Operating Systems:** macOS | Linux | Windows