Chad Parnin
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Summary

Self-directed security engineer who builds and scales AppSec programs. Built an AI-powered AppSec auto-remediation tool that integrates into CI/CD and AI-assisted security workflows. 10+ years across AppSec, pentesting, cloud security, vulnerability management, startup, enterprise, and DoD environments. Seeking a senior product security or application security role owning security strategy, tooling, and engineering practices.

Core Skills

- **Security Leadership:** Executive-level consulting, security program strategy, tooling recommendations
- **DevSecOps and Tooling:** GitHub Advanced Security, Burp, Kali Linux, CI/CD, SAST, SCA, DAST, secrets scanning
- **AI Development and Scripting:** Claude Code, Cursor, Python, Bash, JavaScript, C++
- **Product Security:** Secure design reviews, threat modeling, AppSec program ownership, vulnerability triage, secure engineering adoption
- **Cloud and Infrastructure:** AWS, Azure, Linux, and Windows hardening
- **Governance and Risk:** OWASP, NIST 800-53, CIS, CSA, security roadmaps

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Experience

TekStream Solutions | Senior Cyber Engineer | Feb 2025 - Present

- Built and shipped Iris, an AI-powered AppSec scanner that opens auto-remediation pull requests, generates software bills of materials (SBOMs), performs code quality checks, and traces cross-file attack chains across 10+ languages
- Built a custom Model Context Protocol (MCP) server integrating Claude, Burp, and Kali to support AI-assisted pentesting workflows
- Advise executive stakeholders on tooling, risk, and security roadmaps driving investment and compliance decisions
- Architected and scaled AppSec programs across 500+ repositories and 20 teams via CI/CD-integrated scanning
- Conducted web application, source code, and platform penetration tests across 30+ client environments, identifying 500+ high and critical findings and driving remediation with engineering teams
- Led a 15-engineer DevSecOps Guild, standardizing secure SDLC practices and improving adoption of security controls across engineering teams
- Published security blogs, delivered lunch-and-learns, and contributed to company podcast content on AppSec tool development

World Wide Technology | Application Security Engineer & Consultant | Mar 2021 - Jan 2025

- Partnered with client engineering and security leadership to evaluate and recommend AppSec tooling strategies aligned with team maturity and budget constraints
- Integrated SAST, SCA, and DAST tools into CI/CD pipelines, achieving up to 30% reductions in vulnerabilities
- Led the implementation of AWS and Azure NIST 800-53 cloud security solutions for clients, reducing high and critical cloud vulnerabilities by up to 50%
- Conducted comprehensive vulnerability assessments and penetration tests

Northrop Grumman | Principal Cyber Systems Administrator | Apr 2019 - Jan 2021

- Team lead for a 24/7 national security cyber operations program
- Architected high-fidelity test environments for developers, streamlining development and testing workflows
- Automated compliance patching across Linux/Windows environments

Boeing | Information System Security Officer | Feb 2018 - Mar 2019

- Executed access reviews and audit programs for classified programs
- Achieved compliance with NIST 800-53, eliminating major POA&M backlog

NGA | Cybersecurity Engineer | May 2016 - Feb 2018

- Implemented enterprise vulnerability management, driving significant risk reduction in classified environments

Internships and Military

- Internships (2013-2016): NGA, LANL, Notre Dame CRC
- US Army National Guard (2003-2006): Leadership, awarded Army Values Leader

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Certifications & Clearance

- Clearance: Secret, TS/SCI (lapsed)
- Certifications: GPEN, GCIH, CEH, Security+, ITIL

Education

- MS, Cybersecurity Technology | University of Maryland Global Campus | 2017-2018
- BS, Computer Science | Indiana University | 2013-2016