

Chad Parnin
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Summary

Seasoned Information Security Professional with 9 years of experience in application security, infrastructure security, cloud security, and penetration testing. Proven track record in collaborating with software engineers to enhance security across various environments. Adept at driving security initiatives, relationship building, and automating processes with Python. Known for meticulous attention to detail, a curious mindset, and fostering strong team cohesion. Experienced in remote work and consulting roles.

Core Competencies

- Programming Exposure: Python, C/C++, Node, React, Angular, C#, Dart/Flutter
 - Leadership: Team Leading, Security Consulting
 - Security: AppSec, Infrastructure Security, Cloud Security, Penetration Testing, Vulnerability Assessments, AI Security
 - System Administration: Linux, Windows
 - Tools: SAST, SCA, DAST, Tenable, AWS Security Hub, Pentesting Tools, STIGViewer, SCC
 - DevOps & Agile: Jira, GitHub Actions, CI/CD automation
 - Compliance: NIST 800-53, OWASP, CSA, CIS, Threat Modeling
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Experience

Application Security Engineer & Consultant

World Wide Technology - Remote | March 2021 - Present

- Spearheaded security for 20+ web applications and APIs throughout the SDLC
- Integrated SAST, SCA, and DAST tools into CI/CD pipelines, achieving a 70% reduction in vulnerabilities
- Led the implementation of AWS and Azure cloud security solutions by ensuring full adherence to NIST 800-53 standards, boosting overall cloud security posture by 160%
- Conducted comprehensive vulnerability assessments and penetration tests across multiple customer environments, identifying and mitigating critical security gaps
- Actively engaged in internal InfoSec projects when needed
- Developed and deployed custom Python scripts to automate security tasks, reducing manual effort and improving efficiency in vulnerability management processes

- Engaged in a comprehensive AI Security training program provided by Nvidia and WWT
- Championed Application Security best practices by creating educational content and detailed documentation, leading to a dramatic increase in secure coding awareness among engineers

Principal Cyber Systems Administrator

Northrop Grumman Corporation - Tampa, FL | April 2019 - January 2021

- Led a geographically distributed, 24/7 cyber operations program for US Cyber Command
- Architected and deployed scalable test environments using VMware vSphere, Linux, and Windows, improving operational efficiency and maintainability, which improved developer operational tempo in key national security missions
- Repeatedly upgraded and patched dozens of Linux servers per STIG requirements, streamlined the application of software upgrades, and resolved high-intensity tickets with a 90% resolution rate

Information System Security Officer

Boeing - St Louis, MO | February 2018 - March 2019

- Designed and executed a rigorous audit and access review program for multiple US Navy classified programs, achieving full compliance with NIST 800-53 regulations while successfully managing POA&Ms, SSPs, and security documentation

Cybersecurity Engineer

National Geospatial-Intelligence Agency (NGA) - St Louis, MO | May 2016 - February 2018

- Implemented and maintained robust vulnerability management programs for US National Intelligence classified systems, ensuring ongoing NIST 800-53 compliance and significantly reducing security risks

Internships

2013-2016

- National Geospatial-Intelligence Agency (NGA)
- Los Alamos National Laboratory (LANL)
- University of Notre Dame Center for Research Computing

US Army National Guard

2003-2006

- Leadership experience including Hurricane Katrina relief effort. Earned 'Army Values Leader' award

Certifications & Clearance

- Top Secret Security Clearance (with SCI eligibility)
- GIAC Certified Penetration Tester (GPEN)

- GIAC Certified Incident Handler (GCIH)
 - GIAC Automating Information Security with Python (GPYC)
 - missed cert by 1 question
 - EC-Council Certified Ethical Hacker (CEH)
 - CompTIA Security+
 - VMware Certified Professional (VCP)
 - ITIL Foundation
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Education

Master of Science, Cybersecurity Technology
University of Maryland Global Campus | 2017-2018

Bachelor of Science, Computer Science
Indiana University | 2013-2016

Outside of Work

- Volunteer at the Valspar PGA Tour event
- Chess and golf improvement