REGAN CHAMBERLAIN

Senior Cybersecurity Analyst | Application Security | Penetration Testing | AI-Driven Security
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PROFESSIONAL SUMMARY

Senior Cybersecurity Analyst with 3+ years securing enterprise applications and APIs at scale. Specializes in web application and API penetration testing, threat modeling, and AI-driven security automation. Demonstrated ability to own complex security programs end-to-end — from large-scale WAF migrations to company-wide vulnerability initiatives — while translating technical risk into actionable guidance for engineering and leadership.

CORE COMPETENCIES

Web & API Penetration Testing • Threat Modeling • Secure Code Review (Python, JavaScript, Java) • SAST / DAST / SCA • WAF / WAAP (Akamai, Cloudflare) • CI/CD Security Integration • AI/ML Security • Snyk • DevSecOps • Vulnerability Management

PROFESSIONAL EXPERIENCE

Senior Cybersecurity Analyst | Dun & Bradstreet *Apr 2025 – Present*

- Led Akamai to Cloudflare WAF migration covering 700+ applications, delivering $1.4M in cost savings within a three-month timespan.
- Engineered an AI-driven security automation tool that reduced report documentation time by 50%, enabling faster risk remediation across the enterprise.
- Designed and maintained SAST, DAST, and SCA pipelines integrated into CI/CD workflows, expanding threat detection coverage across engineering teams.
- Applied ML-based risk prioritization to threat modeling workflows, improving remediation efficiency and guiding engineering partners toward higher-impact fixes.
- Provided security architecture guidance to development teams, hardening enterprise application configurations and influencing secure design decisions.

Cybersecurity Analyst I | Dun & Bradstreet *Jun 2023 – Apr 2025*

- Conducted manual and automated secure code review and penetration testing across web applications and APIs, identifying critical vulnerabilities with actionable remediation guidance.
- Led company-wide hardcoded secret detection initiative, independently identifying and remediating widespread credential exposure risk at scale.
- Integrated Snyk SAST/SCA into CI/CD pipelines, enabling development teams to identify and resolve vulnerabilities earlier in the SDLC.
- Delivered developer security training programs, raising secure coding adoption across multiple engineering organizations.

CERTIFICATIONS & EDUCATION

Certified AI/ML Pentester (C-AI/MLPEN) — The SecOps Group, 2025

Generative AI Leader (GAIL) — Google, 2025

B.S. in Information Technology — University of North Florida, 2023