

MATTHEW WESTFALL - disloops@gmail.com

SUMMARY

I am an information security professional with eleven years of experience that includes penetration testing, network assessment, incident response, application development, and systems administration.

EDUCATION

Bachelor of Science, Computer Science

CERTIFICATION

Amazon Web Services Solutions Architect

GREM - GIAC Reverse Engineering Malware

EXPERIENCE

Security Consultant

Provided security services to a government agency migrating to a cloud environment powered by Amazon Web Services (AWS):

- Conducted targeted penetration testing of web applications
- Performed static code reviews in a variety of languages
- Responded to emerging threats that affected the security of network assets
- Deployed and managed a full suite of cloud-hosted security solutions including Ansible, Burp Suite, Checkmarx, Imperva, Nessus, Splunk, and Trend Micro

Performed assessments of sensitive production networks:

- Enumerated active devices using a variety of network mapping tools
- Performed physical verification of devices, cabling, and air gaps
- Conducted vulnerability scans of network hosts using a proprietary platform

Software Engineer

- Supported an effort to research and analyze a variety of biometric devices
- Manipulated geospatial data using GeoServer and OSGeo4W applications
- Performed Agile development using C#, Java, Maven, Node.js, and Vagrant

Systems Programmer

- Developed and maintained Navy Marine Corps Intranet (NMCI) web applications
- Performed development using Ajax, Java, JavaScript, Perl, and PHP
- Created an automated system for identifying inactive circuits and phone lines

TOOLS AND COMPETENCY

Languages: Bash, C++/C#, CSS, HTML, Java, JavaScript, Perl, PHP, Python, SQL

Operating Systems: HP-UX, Kali Linux, REMnux, Security Onion, Ubuntu, Whonix

Security Software: Burp Suite, Metasploit, Nessus, Nmap, Snort, Wireshark