

Cybersecurity Software Engineer

Contact Information:

- **Full name:** Kevin Lee
- **Phone number:** +1 (555) 345-6789
- **Professional email:** kevin.lee@example.com
- **LinkedIn:** [linkedin.com/in/kevinleecyber](https://www.linkedin.com/in/kevinleecyber)
- **Location:** Washington D.C., USA

Professional Summary: Proactive Cybersecurity Software Engineer with 6 years of experience in developing secure software solutions, conducting vulnerability assessments, and implementing robust security protocols. Expertise in secure coding practices, cryptography, network security, and compliance. Committed to building resilient systems and protecting sensitive data from evolving threats.

Work Experience:

- **Cybersecurity Software Engineer**
 - SecureNet Systems, Washington D.C., USA
 - July 2021 – Present
 - Designed and implemented secure authentication and authorization mechanisms for enterprise applications using OAuth2 and OpenID Connect.
 - Performed static (SAST) and dynamic (DAST) application security testing, identifying and remediating critical vulnerabilities before production deployment.
 - Developed custom security tools and scripts in Python for automated penetration testing and threat detection.
 - Contributed to the development of a secure API gateway, enforcing security policies and traffic filtering.
 - Advised development teams on secure coding best practices and conducted security awareness training sessions.
- **Software Engineer**
 - DataGuard Corp., Baltimore, USA
 - June 2018 – June 2021
 - Developed backend services in Java and Node.js for a data encryption platform, ensuring data at rest and in transit security.
 - Implemented robust logging and auditing features for compliance requirements (e.g., GDPR, HIPAA).
 - Participated in incident response activities, analyzing security breaches and implementing countermeasures.
 - Managed access controls and permissions for sensitive data systems.

Education:

- **M.Sc. in Cybersecurity**
 - Carnegie Mellon University, Pittsburgh, USA
 - Graduation: May 2018
- **B.S. in Computer Science**
 - University of Maryland, College Park, USA
 - Graduation: May 2016

Skills:

- **Technical:** Secure Coding (OWASP Top 10), Cryptography (AES, RSA, Hashing), Network Security (Firewalls, IDS/IPS), Penetration Testing, Vulnerability Assessment, Threat Modeling, Identity and Access Management (IAM), OAuth2, OpenID Connect, JWT, Python, Java, Node.js, Linux, Docker, Git, SIEM (Splunk), Wireshark, Nmap, Burp Suite, Metasploit, Security Auditing, Compliance (GDPR, HIPAA)
- **Tools/Software:** VS Code, Eclipse, Nessus, Acunetix, VeraCode, SonarQube, Jira
- **Soft Skills:** Analytical thinking, risk assessment, problem-solving, attention to detail, strong ethical conduct, communication

Certifications & Training:

- **CompTIA Security+**
 - CompTIA
 - Obtained: October 2020
- **Certified Ethical Hacker (CEH)**
 - EC-Council
 - Obtained: May 2023

Publications / Research:

- Lee, K., & Chen, Y. (2018). *A Novel Approach to Detecting SQL Injection Vulnerabilities in Web Applications*. Journal of Cybersecurity Research, 5(2), 123-138.

Languages:

- **English:** Native

Professional Affiliations / Memberships:

- (ISC)² - Member since 2019

References: Available upon request.