

Kyle Wilson

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An experienced web developer and IT support specialist delivering significant reductions in cyberattack impact. A fast learner leveraging a strong background in full-stack development, administering security solutions, and diverse IT operations, resulting in an effective information security analyst. Possessing a comprehensive understanding of security solution implementation throughout the software development lifecycle and exceptional communication skills, effectively bridging the gap between security goals and business objectives.

Work Experience

MARCH 2021 – Current

Web Developer / Veugeler Creative

- Built and maintained over 200+ client relations throughout development lifecycle with excellent communication skills.
- Effectively communicate and collaborate with third-party vendors, clients, and internal departments.
- Full stack development of a multitude of websites implementing multiple security measures for each, including WAF, secure databases, and integration of specialized cloud service providers for DDoS protection.
- Conducted in-depth forensic analysis on websites to identify malware and remediation.
- IT operations including infrastructure maintenance on multiple systems throughout the organization while implementing security best practices.
- Exceptional coding skills in HTML, CSS, JavaScript, PHP, & Python.
- Expert problem solver, coded automation program increasing task efficiency by 34%.

MAY 2019 – Current

Mobile Application & Web Developer / Freelance

- Development of multiple mobile applications and websites.

- Crafted comprehensive user experiences for mobile applications on both Apple and Android platforms.
- Implementation of secure databases and encrypted connections from applications.

MAY 2013 – MARCH 2021

IT Support Specialist / Old Fountain Academy, Lawrenceville GA

- Provided critical maintenance and IT assistance increasing workplace efficiency & computer security.
 - Implementation of least privilege and access control mechanisms throughout organization restricting access to systems and locations to authorized personnel.
 - Installation, setup, and maintenance of computer hardware, printers, and network appliances.
 - Key contributor in security advisement to senior management.
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Education

MAY 2019

BS in Computer Science / University of North Georgia, Dahlonega

Graduated Cum Laude with a minor in Mathematics. Dean's List (2 semesters) and the President's List (1 semester).

- Hands on use of tools such as Metasploit, Wireshark, Nessus, & Kali Linux in Information security, Computer security, & networking classes.
- Developed a two-factor authentication login program which uses hashing, salting, & token generation techniques to store and authenticate passwords securely.
- Created a simple compiler that reads java code. First by generating lexemes, then generating tokens and checking syntax, then generate machine code and finally read by a java program, simulating the Java Virtual machine, and execute operations coded out from the original java file.

Certifications

JUNE 2024

CompTIA Security +

Understanding of how to identify and address potential threats, attacks and vulnerabilities and possess established techniques in risk management, risk mitigation, threat management and intrusion detection.

Skills

Program proficiently with:

- HTML • PHP • CSS • JavaScript • SQL • Python • Java

Familiar in programming with:

- Swift • JSON • C++ • C# • C

Environments:

- MacOS • Windows • Linux • Android Studio • Xcode • Visual Studio

Techniques:

- Vulnerability Management • Least Privilege
- Incident Response • Forensic Analysis
- Access controls • Malware Remediation

Tools:

- WAF • Familiar with Metasploit, Wireshark, & Nessus
- Familiar with SIEM solutions.