

Security Engineer



Professional summary

Security Engineer with 3.5+ years of experience that possesses thorough knowledge and broad expertise in the security and technology spaces. Uses background to create and maintain boundaries around network devices and computer systems, protecting them from attacks. Will always take proactive role in the architecture, design, implementation and support of security focused resources to ensure safe operations.

Education

National Technical University of Ukraine «Igor Sikorsky Kyiv Polytechnic Institute»
Qualification awarded: Master's Degree, Cybersecurity.

Industries

Service Sector, Logistics

Technologies and tools

- Docker, Microsoft Deployment Toolkit
- OWASP TOP 10, Cobalt Strike Metasploit, OWASP ZAP, Nessus, Acunetix, Nexpose, NetSparker, Nikto, OpenVAS, w3af, Zabbix
- VMware "vSphere", Hyper-V, VirtualBox
- BitLocker, DiskCryptor, TrueCrypt
- Bash, Python, Java, C++, PHP, Visual Basic, JavaScript, SQL
- NodeJS
- MySQL, MS SQL, PostgreSQL, MongoDB, Neo4j, Oracle Database, Cassandra
- TCP/IP stack, FTP, HTTP, SMTP, DHCP, DNS
- Windows, Linux
- PowerShell

PROJECTS

NDA

Duration: 05.2018 – till now

The project is a software platform that connects airline passengers and event attendees who can share taxis to and from 3,000 airports around the world.

Team

6 specialists

Position

Security Engineer

Responsibilities

- Infrastructure project analysis, followed by recommendations to address the threats to information security
- SAST/DAST of the project code
- Checking the implementation of integration with partners
- Development, implementation and support of information security systems
- Implementation of security procedures in business and IT process
- Conduction of audit of security
- Management of information security of end-user systems
- Participation in the process of investigation of Informational Security incidents

Technologies and tools

- Docker, Microsoft Deployment Toolkit, OWASP ZAP, Nessus, Acunetix, Hyper-V, TCP/IP stack, FTP, HTTP, SMTP, DHCP, DNS

The client is an integration and logistics company that has large information systems for managing logistics orders and relationships with partners.

Team

15 specialists

Position

Security Engineer

Responsibilities

- Infrastructure project analysis, followed by recommendations to address the threats to information security
- SAST/DAST of the project code
- Kubernetes cluster security Improved
- Identifying gaps and improving the security of the DBMS used
- Provided recommendations on resolving identified problems
- Implemented WAF to increase security and reduce risks
- Eliminated defects in the field of integration with payment gateways
- Developed the security proposals

Technologies and tools

- Docker, Kubernetes, Nexpose, NetSparker, OWASP ZAP, Zabbix, VirtualBox, TrueCrypt, MySQL, MS SQL, PostgreSQL, TCP/IP stack

The client is one of the largest system which specialists in planning, setting up and operating command centers and emergency centers in the field of public safety, as well as industry and transport. Clients are fire services, rescue services, police, production (Austria, Holland, Germany).

Team

10 specialists

Position

Security Engineer

Responsibilities

- Adapted work processes to meet security policies
- Improved infrastructure information security
- Conducted employee training
- Development, implementation and support of information security systems
- Penetration test
- Implementation of security procedures in business and IT process
- Conduction of audit of security
- Management of information security of end-user systems

Technologies and tools

- Docker, Microsoft Deployment Toolkit, OWASP ZAP, OpenVAS, w3af, Nessus, vSphere, BitLocker, DiskCryptor, HTTP, SMTP, DHCP, DNS, PowerShell