

SUMMARY

Full Stack Software Developer with hands-on experience in cybersecurity, such as web application penetration testing, vulnerability assessment, and tool development. Proficient with React and React Native, Burp Suite, Nmap, Metasploit and scripting custom scanners in Python. Strong understanding of web application development, Linux, Windows, networking, and offensive security techniques, with a focus on identifying and exploiting web vulnerabilities.

SKILLS

Programming: JavaScript, React.js, Python, TypeScript, Node.js, jQuery, MySQL, MongoDB, Data Structures

Cybersecurity: Penetration Testing, Web Application Penetration Testing, Linux, Windows, Kali Linux, Burp Suite, Splunk, ZAP, Nmap, Netcat, Metasploit, VMware, Ffuf, Hydra, Gobuster, SSH, TCP/IP, DNS, DHCP, SQL, Bash, PowerShell, Proxychains, Terminal, Security Information and Event Management (SIEM), Firewalls, Virtual Machines, Network Security, Deobfuscation, OWASP, NIST, Bug Bounty Hunting, Command Injection

EXPERIENCE

Hands-On Cybersecurity Experience

Jul 2024 – Present

- Used software development experience to advance in cybersecurity by earning foundational certifications and gaining extensive hands-on experience in ethical hacking through platforms like TryHackMe and Hack The Box, completing real-world labs and challenges covering advanced exploitation techniques, network penetration, and web application hacking, and going through Penetration Tester learning courses on both platforms

Software Developer | WriterDuet

Aug 2022 – Jul 2024

- Developed, maintained, and deployed web and mobile applications for advanced screenplay editing and playback, including features that read scripts aloud with distinct character voices to help writers hear their work in performance, utilizing React.js, React Native, Expo, TypeScript, JavaScript, jQuery, Firebase, and Material UI, contributing to a **30%** improvement in codebase maintainability and a **20%** acceleration in feature deployment cycles
- Designed and implemented over **40+** reusable and customizable UI components including onboarding modals, import/export dialogs, sign-in pages, utility buttons, and interactive widgets across web, iOS, and Android platforms using React Native and Expo, resulting in a 35% increase in development efficiency
- Partnered with the Quality Assurance (QA) team to identify and fix bugs such as long load times, improper file converting, state management handling issues, layout and responsiveness glitches, race condition and exception bugs, achieving a **25%** reduction in reported issues during staging and production testing
- Implemented PWA features and Web Workers, improving load times by up to **40%** and enabling full offline functionality for all user workflows in case if a user needs to use the application without connection to internet
- Designed and executed A/B tests on subscription flows and onboarding user experiences, leading to an increase in premium subscriptions and boosting monthly recurring revenue by **10%**

Elevator Mechanic | Precision Elevator

Aug 2017 – May 2020

- Conducted installation, troubleshooting, maintenance and technical audits of elevator hardware and software, upgraded and patched legacy hardware with modern systems, to ensure secure and reliable elevator operations while implementing access control measures to enforce permission controls for certain floors and parts of the building

PROJECTS

- Portfolio Website** - website that showcases web development projects built with React, Node.js, Express.js and MongoDB such as a Netflix clone called FLIX and a social network for developers DevConnector
Source: vaganpogosyan.com
- Vulnerability Scanner** - Python program that scans websites for XSS vulnerabilities in web application input fields
Source: github.com/VaganPogosyan/vulnerability_scanner
- Spider** - web crawler written in Python, that finds all possible subdomains of a given target URL
Source: github.com/VaganPogosyan/spider

CERTIFICATIONS

- [CompTIA Pentest+](#) *Jun 12, 2025*
- [CompTIA Security+](#) *Mar 28, 2024*
- [Google Cybersecurity Professional Certification](#) *Feb 28, 2024*
- [AWS Cloud Practitioner](#) *Nov 23, 2023*

EDUCATION

- Kherson National Technical University (Ukraine)** | Sep 2013 – May 2018 **Bachelor's Degree in Marketing**
- General Assembly (New York)** | Jan 2021 – Apr 2021 **Software Engineering Immersive Bootcamp**