

HANNA NYZHNIYA

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SUMMARY

Cybersecurity professional with 2+ years of experience and a Master's degree in Cybersecurity. Skilled in vulnerability assessment, penetration testing, and network security. Adept at translating complex technical concepts for diverse audiences.

TECHNICAL SKILLS

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Network and Cybersecurity: Network security, Firewall management, Vulnerability assessment, Penetration testing, Identity and access management, Cryptography, Cloud security, SSL/TLS, SSH, DNS, IDS/IPS, VPN.

Software Development and Programming: JavaScript, Python, Bash, PowerShell, VB, C#, JSON, HTML/CSS, T-SQL, XML.

DevSecOps and Cloud Platforms: Azure DevOps, AWS, Azure, Google Cloud Platform, Docker, Kubernetes.

Databases: SQL, MongoDB.

Software Applications and Tools: Burp Suite, Metasploit, Nmap, Wireshark, Splunk, The Sleuth Kit, Autopsy, Volatility, Logstash, ZOHO, SAP, Visual Studio, Unreal Engine, Blender, AutoCAD, Revit.

Digital Forensics and Investigation: The Sleuth Kit, Autopsy, Volatility, OSINT, Threat hunting, SIEM.

Security Management and Compliance: PCI DSS, HIPAA, ISO 27001, COBIT, NIST, ISO.

Web Design and Development: Figma, Spline, Framer, Webflow, Cloudflare, Dora, Adobe Illustrator.

IoT and Home Server Management: Home server setup and management, IoT device integration and security.

EDUCATION AND CERTIFICATIONS

Certification in Comptia A+ | Per Scholar training Program | *Houston, TX* 12/2023 – 03/2024

Masters in Security of Information and Communication Systems | University of Construction and Architecture | *Kyiv, Ukraine* 09/2021 – 01/2023

Bachelors in Food Technologies and Engineering | National University of Food Technologies | *Kyiv, Ukraine* 09/2017 – 08/2021

Certification in Microsoft Azure AZ 900 | Microsoft training program | *Houston, TX* 01/2023 – 02/2023

Certification in Web app Penetration testing | EPAM UA | *Kyiv, Ukraine* 07/2021 – 09/2021

PROFESSIONAL EXPERIENCE

Full Stack Developer | Archilabs | *Houston, TX* 10/2023 - present

- Developed and maintained custom web applications using languages such as JavaScript VB, C#, JSON, HTML/CSS, T-SQL, XML, ensuring robust and scalable solutions for archviz projects involving Unreal Engine, Blender, AutoCAD, and Revit.
- Introduced comprehensive software verification and validation processes, formulating testing procedures for independent testers and evaluating other developers' code, ensuring the security and functionality of cloud pixel streaming solutions and full-stack web application.
- Applied DevSecOps practices to maintain the security and integrity of software applications, utilized Azure DevOps for source code and version control.

Full Stack Developer intern | Mission Zero | *Houston, TX* 04/2023 - 10/2023

- Developed cross-platform mobile applications using React Native and Expo for Android and iOS, ensuring seamless user experience.
- Engineered backend solutions with Node.js, integrating with Azure Cloud hosting for scalable app performance.

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- Utilized Figma for UX/UI design, translating user needs into intuitive app interfaces.
- Conducted comprehensive application testing to ensure functionality and reliability across platforms.

Cybersecurity consultant | KPMG Ukraine | *Kyiv, Ukraine*

12/2021 – 12/2022

- Conduct regular vulnerability assessments, penetration testing, and risk analysis to ensure the security of the clients' systems and networks. Presented recommendation plan that removed vulnerabilities and enhanced compliance by an average of 40%.
- Developed comprehensive cybersecurity reports and conducted in-depth data analysis. Prepared and presented weekly cybersecurity assessment keynotes and deliverables to client.
- Demonstrated strong customer orientation by providing support and guidance to clients during security assessments.
- Experience in managing user accounts, permissions, and system upgrades in a secure environment.

Quality assurance tester | MMD Smart | *Kyiv, Ukraine*

09/2021 - 12/2021

- Ensured that the software and telecommunication systems met the highest standards of quality by identifying and reporting 50+ defects, tracking their status to ensure that they were resolved efficiently.
- Collaborated with 3+ teams such as product management, customer support, and operations, ensuring that testing procedures were strictly followed throughout the software development lifecycle.
- Demonstrated ability to work independently and as part of a team, contributing to the successful delivery of 2 major software releases.