



Arsenii Marchenko

Cybersecurity
Engineer | Application
& Cloud Security

Contact

- +358 46 541 72 31
- marchenkoarsenii23@gmail.com
- Kuopio, Finland
- <https://github.com/Wong2023>
- <https://www.linkedin.com/in/arseniiimarchenko>
- [My portfolio Website](#)

Languages

- Russian (Native)
- English (Fluent)
- Finnish (Basic)
- Spanish (Basic)

Certificates

- Big Data 101 (2026)
- Signal Processing Matlab (2026)
- Wireless Communications Matlab (2026)
- Machine Learning Matlab (2025)
- Introduction to the threat landscape
Fortinet (2026)
- Technical introduction to cybersecurity
Fortinet (2026)

Cybersecurity Engineer with a strong software development background and hands-on experience in network security, penetration testing, and secure systems design. Proficient in using industry-standard tools such as Wireshark, Nmap, Metasploit, Hashcat, Aircrack-ng, and Kali Linux for security analysis and vulnerability assessment. I also have practical experience working with electromagnetic isolation environments, including Faraday cages, for controlled testing and signal protection scenarios. Experienced with cloud platforms and containerized infrastructures such as AWS and Docker, with a solid understanding of Linux-based systems and secure DevOps practices.

Programming Languages, frameworks and skills

C++, Python, pandas, NumPy, Django, PyTorch, JavaScript, Angular, React-Native, React, ci/cd and agile techniques, typescript, Wireshark, Nmap, Metasploit, Kali Linux, Hashcat, Aircrack, Kotlin, jetpack compose, Debian, Amazon Web Services, Matlab, Git, GitHub, Bitbucket, blockchain, Ubuntu, Hadoop, Docker

Experience

- Cybersecurity Research Engineer** 01.2026 - current
Savonia UAS
Developed educational cyber-forensics labs and custom microcontroller systems for EMC-shielded environments, supporting RF and physical security training and student mentorship.
- Frontend Developer** 05.2025 - 11.2025.
Murkhasya Studio
Led the development of a financial reporting web application and a Point of Sale (POS) system, focusing on front-end architecture and feature implementation. Built user-focused interfaces using JavaScript and React, and integrated back-end services to support real-time data processing and business logic. Also gained experience working with React Native in cross-platform development contexts.

Education

- Bachelor of IT** 2023 - 2027
Savonia University
Information Technology (IoT) | Savonia University of Applied Sciences (Kuopio)

Projects

- Octo3d** 2026
Developing UI of 3d printing farm
- IoT Project** 2023
Audio Sensing Device
- IoT Project** 2023
Smart Fingerprint lock
- Frontend Project** 2024
Web UI for Food Company
- Honeypot device** 2025
*Multi-Node Honeynet (Cowrie, Suricata, OpenWrt)
(cybersecurity environment)*

Other jobs and tasks

- Tutor, Savonia AMK, Kuopio, Suomi
- Sales manager, Real estate agency
- Delivery, Viking pizzeria

References

Irene Hyrkstedt
Teacher tutor, Savonia AMK
Phone: +358 447856775
Email : Irene.Hyrkstedt@savonia.fi

Mohamed Tahri
Viking pizzeria, employer
Phone: +358 408170304
Email : mohamedtahri2928@gmail.com

Shiva Gupta
Murkhasya, director and full stack developer
Email murkhasya@gmail.com