



# Arsenii Marchenko

Cybersecurity  
Engineer | Application  
& Cloud Security

## Contact

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- Kuopio, Finland
- <https://github.com/Wong2023>
- <https://www.linkedin.com/in/arseniimarchenko>
- [My personal Website](#)

## Languages

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

## Soft skills

- Management Skills
- Creativity
- Communication
- Negotiation
- Critical Thinking
- Leadership
- Fast learning

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

2026

*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

2025

*Murkhasya Studio*

Improving the frontend for two different projects: a POS system and a finance platform.

## 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
- Bartender, Neubrandenburg bar
- Delivery, Viking pizzeria

## References

### Irene Hyrkstedt

Teacher tutor, Savonia AMK

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### Mohamed Tahri

Viking pizzeria, employer

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### Shiva Gupta

Murkhasya, director and full stack developer

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