Mms
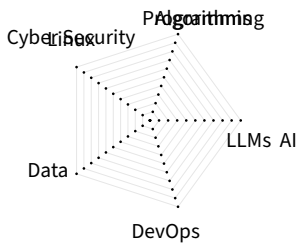
@mmesek:matrix.org
CET / UTC+1   Lublin, Poland
Clickable links: 🌐 🔗 in ▶

Algorithmic
Cyber Security   Programming

LLMs AI

Data

DevOps

Programming code

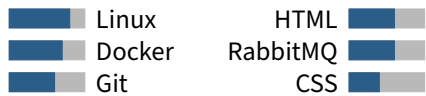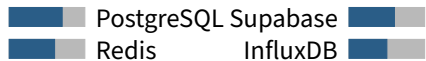|			
▮▮ Python	C/C++ ▮		
▮ SQL	JavaScript ▮		
▮ D	Ruby ▮		
	Go ▮		

Technologies cogs

▮▮ Linux	HTML ▮▮
▮▮ Docker	RabbitMQ ▮▮
▮▮ Git	CSS ▮

Databases database

▮ PostgreSQL	Supabase ▮▮
▮ Redis	InfluxDB ▮▮
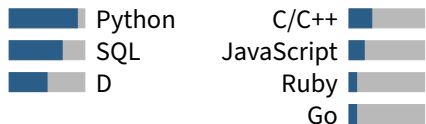
Languages language

Polish (Native) - C2 •
English (Fluent) - C1 •
Spanish (Basic) - A2 •

Libraries book-open

(BeautifulSoup4) (aiohttp)
(SQLAlchemy) (dataclasses)
(FastAPI) (FastHTML)

Miscellaneous tools

(async) (REST API) (WebSockets)
(OSINT) (OWASP) (SSH) (nmap)
(Github Actions) (Code Review) (UV)
(Kanban) (Secure Coding) (Pytest)
(CI/CD) (Regex) (LLM) (OpenAI)
(AWS/GCP) (AI Agents) (Gemini)

Education university

HackerU: Red Team Specialist
Course: 2022.04 - 2022.12 | 565h
Linux & Windows
OS Exploitation
Privilege Escalation
Active Directory
Web & Mobile app Penetration testing
SIEM/SOC
Malware Analysis

Certificates certificate

TDX Arena	**Penetration Tester**
TryHackMe	**- Advent of Cyber**
	Jr Pentration Tester
	Web Fundamentals
	CompTIA Pentest+
	Pre Security
	Introduction to CyberSecurity
Sekurak	**- Web App Hacking**
	OSINT/OPSEC: Disinformation analysis
HackerRank	**Basic Python**
FreeCodeCamp	**Scientific**

suitcase Experience

- company: Atomic IT #icon: ../atomicit.svg start: 2025/6 end: Present role: Python Team Lead description: |
    - Created pipeline for creating Python microservices for ERP system
    - Facilitated meetings with Clients & Planned tailored solutions
    - Improved project management & Consulted on solution deployment strategies
    - Set up a team of `AI Agents` to improve usage of `LLMs` for code generation
- company: Event Organization #icon: ../tavern.png start: 2025/5 end: 2025/11 role: Developer description: |
    - Organized local live events with ARG mechanics, puzzles, story & in-house tech solutions
    - Created #link("https://github.com/Mmesek/Audio-Transcriber")[tool] for transcribing audio files with `whisper`
    - Developed #link("https://github.com/Mmesek/mEvents")[website] for event listing & attendees management with `FastHTML`
    - Engineered AI #link("https://github.com/Mmesek/mUSh")[pipeline] of song processing for karaoke software
- company: xBerry #icon: ../xberry.svg start: 2024/2 end: 2024/4 role: Back-end Developer description: |
    - Designed queues flow & Migrated REST API to `RabbitMQ`-based communication between inner applications
    - Automated deployment of multi repo app with docker-compose by utilizing Git repos as sources
    - Tested entire stack End to End (E2E) & Wrote unit tests with `pytest`
    - Migrated code to `asyncio` & Integrated `SQL` database
- company: Bot Development #icon: ../discord.svg start: 2019/4 end: 2024/7 role: Python Developer description: |
    - Built extendable #link("https://github.com/Mmesek/MBot.py")[system] for automation, moderation & engagement development for chat application
    - Created #link("https://github.com/Mmesek/MFramework.py")[microfram for command creation
    - Automated `RestAPI` client #link("https://github.com/Mmesek/DocParser"
    - Streamlined `CI/CD` with `GitHub Actions` & Webhooks
    - Split monolithic application into smaller applications, libraries & Designed microservice architecture plan
    - Containerized application with `Docker` & Reduced image size by 45%
    - Provided live-service, support & managed hosting for multiple clients serving 100s of active users
    - Designed & Implemented `SQL` database schema for #link("https://github.com/Mmesek/ItemsAPI")[Inventory Management System] with `RESTful API` for both dev UX & data storage by utilizing `Supabase`
- company: Techland #icon: ../techland.svg start: 2020/1 end: 2023/11 role: Discord Administrator, Event Manager description: |
    - Improved detection of bots, spam prevention & automoderation
    - Improved Quality of Life for moderators by:
        * Streamlining moderation actions & infraction logging
        * Improving communication with team by introducing Modmail system
    - Hosted over 15 events with 8 unique handcrafted minigames
    - Developed Modmail Bot & Gathered community feedback
- company: Freelance #icon: ../avroundbg.png start: 2018/9 end: Present role: Developer, Community Manager description: |
    - Mentored 4 people learning `Python`
    - Set-up, Configured & helped manage multiple Discord servers from small (~100) to big (~100k)