



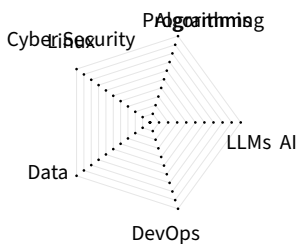
# Mms

@mmesek:matrix.org

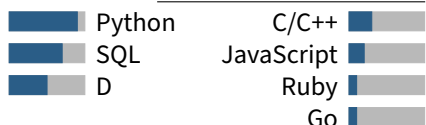
CET / UTC+1

Lublin, Poland

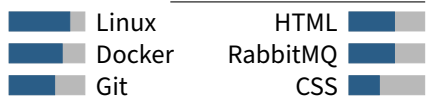
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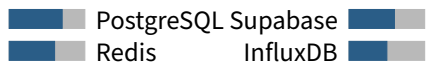
## Programming code



## Technologies cogs



## Databases database



## 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")[microfram] for command creation
  - 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)