

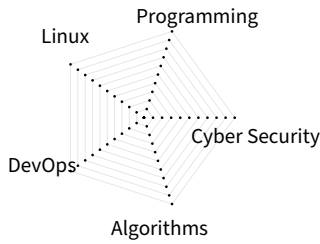


# Mms

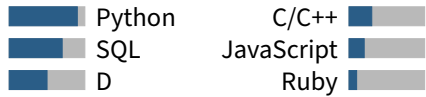
@mmesek:matrix.org

⌚ CEST / UTC+2 Poznań / Lublin, Poland 📍

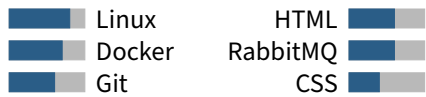
Clickable links: 🌐 📄 📺



## Programming </>



## Technologies ⚙️



## Databases 🗄️



## Languages 🗨️

Polish (Native) - C2 •  
English (Fluent) - C1 •

## Libraries 📖

BeautifulSoup4 aiohttp  
SQLAlchemy dataclasses

## Miscellaneous ✂️

async REST API WebSockets  
OSINT OWASP SSH JSON  
YAML Pandoc LaTeX VS Code  
Bash nmap Github Actions  
Code Review Pre-Commit Ruff  
Kanban Secure Coding Pytest  
CI/CD

## Education 🎓

HackerU: Red Team Specialist  
{icon}

Self-learning Computer Science  
{icon}

## Certificates 📜

TDX Arena Penetration Tester  
TryHackMe

Advent of Cyber  
Jr Penetration Tester  
Web Fundamentals  
CompTIA Pentest+  
Pre Security  
Introduction to CyberSecurity

Sekurak Web App Hacking  
OSINT/OPSEC: Disinformation  
analysis

HackerRank Basic Python  
FreeCodeCamp Scientific  
Computing with Python

## Extra 🧩

Advent of Code {icon}  
TryHackMe {icon}

# Experience

## xBerry

### Backend Developer

2024/2 - 2024/4

- Designed queues flow & Migrated REST API to RabbitMQ-based communication between inner applications
- Automated deployment of multi repo app with docker-compose
- Tested entire stack End to End (E2E)
- Migrated code to asyncio
- Improved process of building & starting whole tech stack
- Integrated SQL database
- Improved unit tests with pytest

## Bot Development

2019/4 - 2024/7

### Python Developer

- Built extendable system for automation, moderation & engagement development for real time communication platform
- Created microframework for command creation
- Designed & Implemented database schema with RESTful API
- Automated RestAPI client generation
- Automated build & deployment with GitHub Actions & Webhooks
- Automated bot detection, spam prevention & moderation
- Split monolithic application into smaller applications & libraries
- Dockerized an Application
- Migrated monorepo into multi-repo
- Performed Code Reviews
- Improved Quality of Life for moderators by:
  - Streamlining moderation actions
  - Improving communication with team by introducing Modmail system
  - Streamlining infraction logging

## Freelance

2018 - Present

### Developer, Community Manager

- Provided live-service, support & managed hosting for 5 clients serving 100s of active users
- Mentored 4 people learning Python
- Hosted over 15 events with 8 unique minigames
- Set-up, Configured & helped set multiple Discord servers
- Managed over 4 servers from small (~100) to big (~100k)
- Gathered community feedback
- Developed Modmail Bot

## Code Jam Participation

- Partaken in Code Review, both ways

### Code Jam 11, Unique Universes, Product Owner / Game Designer

2024/7

- Project made it to Top 10
- Containerized application & Reduced image size by 45%
- Detailed project's tasks & costs

### Code Jam 9, Witty Wyverns, Team Leader, Back-end

2022/7

- Outlined project tasks with GitHub Projects
- Developed Web Socket aiohttp client & Starlette server with library functions for extending