

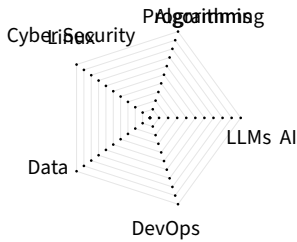


# Mms

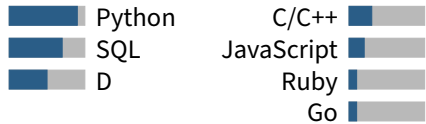
@mmesek:matrix.org

CET / UTC+1 Poznań / Lublin, Poland

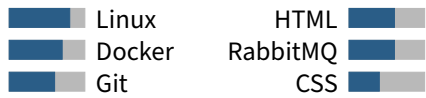
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## Programming </>



## Technologies ⚙️



## Databases 🗄️



## Languages 🌐

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

## Libraries 📖

BeautifulSoup4 aiohttp  
SQLAlchemy dataclasses  
FastAPI FastHTML

## Miscellaneous ✂️

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

## Education 🎓

### 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 📜

TDX Arena

TryHackMe

### Penetration Tester

- Advent of Cyber

Jr Penetration Tester

Web Fundamentals

CompTIA Pentest+

Pre Security

Introduction to CyberSecurity

Sekurak

- Web App Hacking

OSINT/OPSEC: Disinformation

analysis

HackerRank

FreeCodeCamp

Basic Python

Scientific

Computing

# 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 by utilizing Git repos as sources
- Tested entire stack End to End (E2E)
- Migrated code to asyncio
- Improved process of building & starting tech stack composed of multiple components like Message Queue, Backend, Frontend, Database & Processing Unit with setups/teardowns for reproducibility
- Integrated SQL database
- Wrote unit tests with pytest

## Bot Development

### Python Developer

2019/4 - 2024/7

- 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
- Streamlined build & redeployment with GitHub Actions & Webhooks
- Improved detection of bots, spam prevention & automoderation
- 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