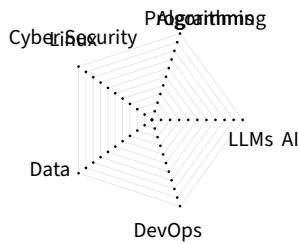


Mms

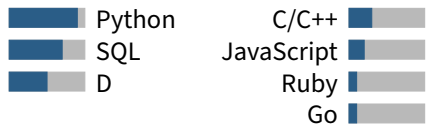
@mmesek:matrix.org

CET / UTC+1 Poznań / Lublin, Poland

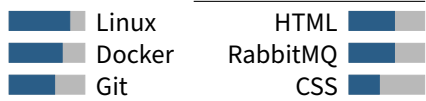
Clickable links: [🐙](#) [in](#) [📺](#)



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