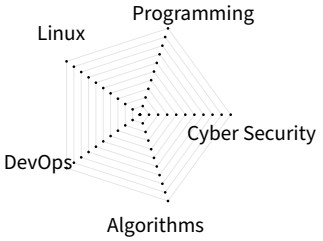
Mms

@mmesek:matrix.org
CEST / UTC+2 Poznań / Lublin, Poland
Clickable links:



Programming

Python		C/C++	
SQL		JavaScript	
D		Ruby	

Technologies

Linux		HTML	
Docker		RabbitMQ	
Git		CSS	

Databases

PostgreSQL		Supabase	
Redis		InfluxDB	

Languages

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

Libraries

BeautifulSoup4 aiohttp
SQLAlchemy dataclasses

Miscellaneous

async REST API WebSockets
OSINT OWASP SSH JSON
YAML Bash nmap
Github Actions Code Review
Ruff Kanban Secure Coding
Pytest CI/CD

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 **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 Computing**

Extra

Advent of Code 128 Stars

Experience

xBerry

2024/2 - 2024/4

Backend Developer

- 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 reproductibility
- Integrated SQL database
- Wrote 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
- 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