



Programming

Python	SQL
D	C/C++
JavaScript	Ruby
Go	

Technologies

Linux	Docker
Git	HTML
RabbitMQ	CSS

Databases

PostgreSQL	Redis
Supabase	InfluxDB

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
OpenAI 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 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

Atomic IT

Python Team Lead 2025/6 - Present

- 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

Event Organization

Developer 2025/5 - 2025/11

- Organized local live events with ARG mechanics, puzzles, story & in-house tech solutions
- Created tool for transcribing audio files with whisper
- Developed website for event listing & attendees management with FastHTML
- Engineered AI pipeline of song processing for karaoke software

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) & Wrote unit tests with pytest
- Migrated code to asyncio & Integrated SQL database

Bot Development

Python Developer 2019/4 - 2024/7

- Built extendable system for automation, moderation & engagement development for chat application
- Created microframework for command creation
- Automated RestAPI client generation
- 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 Inventory Management System with RESTful API for both dev UX & data storage by utilizing Supabase

Techland

Discord Administrator, Event Manager 2020/1 - 2023/11

- 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

Freelance

Developer, Community Manager 2018/9 - Present

- Mentored 4 people learning Python
- Set-up, Configured & helped manage multiple Discord servers from small (~100) to big (~100k)
- Programmed ETL pipeline for visualizing travel datasets
- Collaborated with cross-functional teams to identify areas for automation and implemented tailored solutions to meet business needs

