DAWID CZERWIŃSKI

Junior Software Engineer | Python & C++ Developer

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Krakow, Poland / Remote

PROFESSIONAL SUMMARY

Ambitious programmer with a solid academic background (AGH/PK) and proficiency in Python. Creator of 'WikiGraph' architecture (Graph ETL). Specializing in backend (FastAPI), algorithms, and query optimization. Seeking engineering challenges.

TECHNICAL SKILLS

Programming Languages	Python (FastAPI, Pandas), C++ (STL/Pointers), REST API Design, SQL (PostgreSQL)
Tools & Systems	Git (CI/CD GitHub Actions), Linux Environment, VS Code
Skills	Graph Databases (Neo4j), Backend Architecture, Algorithms & Data Structures, Docker
Languages	Polish (Native) • English (C1/C2 - Advanced Professional)

KEY PROJECTS

WikiGraph Lab [Python, Neo4j, Docker, SQL, FastAPI]   source code

Language-agnostic Knowledge Graph engine processing Wikipedia into a unified Neo4j + SQLite structure.

LeadFinder & Katalog Ecosystem [Python, Next.js, React, Node.js, Playwright, MS Office]   source code

End-to-end sales automation pipeline and template marketplace. Features automated lead scraping and dynamic 'Magic Link' demo generation.

WORK EXPERIENCE

C++ & Python Technical Mentor | Giganci Programowania, Remote   Jan 2024 - Jun 2025
- Analysis and debugging of code for 50+ students weekly (Code Review).
- Teaching advanced concepts: pointers, references, recursion, OOP.
- Verifying projects for memory optimization and computational complexity.

Operational Staff | AB Midden Nederland, Netherlands   Feb 2025 - Oct 2025
- Working in a dynamic international environment – fast adaptation and teamwork.
- Execution of tasks under time pressure while maintaining high discipline and quality standards.

Operations Specialist | FedEx Express Ireland, Krakow   Mar 2022 - Jul 2023
- Working under SLA (Service Level Agreement) and Compliance rigor – attention to procedures and deadlines.
- Daily communication in English (C1/C2) within an international team.
- Ticket handling and data analysis in Enterprise-class systems (Ticket-based workflow).

EDUCATION

Cracow University of Technology - Field: Applied Mathematics (Applied Mathematics)	2020-2022
AGH University of Science and Technology - Field: Electronics and Telecommunications (Electronics and Telecommunications)	2019-2020