

PAWEL POKORSKI

PYTHON WEB DEVELOPER | AI & DATA PROCESSING | FASTAPI



+48 797 597 564



pawelpokorski21@gmail.com

pawit.net

GitHub

LinkedIn

TECHNICAL SKILLS

Languages

- Python, SQL, JavaScript, TypeScript

Backend

- FastAPI, Flask, REST APIs, software architecture

AI & Machine Learning

- RAG, OpenAI API, Claude API, Claude Code, LangChain (basics), ML classification, forecasting

Data Processing

- Pandas, NumPy, ETL, data visualization, process automation

Frontend

- React, Next.js, HTML, CSS, Tailwind

Databases

- MariaDB, MySQL, PostgreSQL, Redis

DevOps

- Docker, Git, GitLab, Linux, CI/CD

EDUCATION

10.2017 - 02.2024

BYDGOSZCZ UNIVERSITY OF TECHNOLOGY

M.Sc. & B.Eng., Electronics & Telecom.

02.2019 - 08.2019

**HELLENIC MEDITERRANEAN UNIVERSITY,
HERAKLION**

Erasmus+ exchange semester

ABOUT ME

Python Web Developer with almost 6 years of experience building data-driven web applications and internal engineering tools. I design FastAPI and Flask backends, data processing pipelines and AI features, from ML models to RAG applications on the OpenAI and Claude APIs, and ship them end-to-end with React/Next.js frontends. Focused on turning complex processes into reliable software that saves teams real time. Registered sole proprietorship, open to B2B contracts.

EXPERIENCE

01.2021 - NOW

NOKIA

Software Engineer / Full-stack Developer

- Automated fiber-optic network design with a Python web app (rack/shelf configuration, documentation generation, guided workflow), cutting design effort from ~36 h to ~8 h (≈78%).
- Built an ML-based classifier that recommends project types for new work orders from historical data and project titles.
- Developed a workforce planning platform that forecasts engineering capacity from historical workload data, with interactive demand and trend dashboards.
- Created Python validation tools for shelf capacity and power consumption that prevent over-capacity installations.
- Own solutions end-to-end: data processing, REST APIs (FastAPI/Flask), React/Next.js interfaces, deployment and maintenance.