

IGOR KADZIELA

Software Engineer / Full-Stack Engineer

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github.com/IgorK834

Open to: Internship or Junior Full-Stack Engineer · full-time

Remote, hybrid or on-site · open to relocating abroad

PROFILE

Final-semester Computer Science student and IT intern. I build end-to-end software: Java / Spring Boot and Python / FastAPI backends, TypeScript / React / Next.js interfaces, PostgreSQL data and AI that stays tied to its sources. I have shipped company websites as a frontend developer and now work on a production IoT kiosk built on a Raspberry Pi.

EXPERIENCE

IT Intern, IT department · Iturri Poland

Current

- Optimise, fix and ship new features for a kiosk IoT device.
- Review and plan the architecture of the company's IoT systems.
- Maintain the Raspberry Pi device that powers the kiosk.

Frontend Developer · Kaks s.c. and MKA Sp. z o.o.

11.2025 – 06.2026

Two companies with the same owner; one website for each.

- Built and deployed kaksbb.pl for Kaks s.c.
- Built and deployed mkabb.pl for MKA Sp. z o.o.

SELECTED PROJECTS

ResearchHub

Active development

Source-grounded collaborative AI workspace for students and researchers.

Java 25 · Spring Boot 4.1 · Maven · Flyway · Python 3.13 · FastAPI · React · TypeScript · Webpack

github.com/IgorK834/researchhub

System Analizy Uwarunkowań Działki

Spatial / GIS

Spatial / Investment Parcel Analysis Platform

Python · FastAPI · SQLAlchemy · GeoAlchemy · Alembic · Next.js 16 · React 19 · TypeScript · MapLibre

github.com/IgorK834/system_analizy_uwarunkowan_dzialki

obiekt.io

In development

A SaaS tool that takes a building fault from report to accepted repair.

Foundation done, product next.

Next.js 16 · React 19 · TypeScript · Java 25 · Spring Boot 4.1 · Spring Modulith · Python · FastAPI · PostgreSQL + pgvector

SKILLS

Backend

Java
Spring Boot
Python
FastAPI
REST APIs

Frontend

TypeScript
React
Next.js

Data

PostgreSQL
PostGIS
pgvector
SQLAlchemy

AI / data systems

RAG
Embeddings
Provenance
Source-grounded generation
Structured AI workflows

IoT

Raspberry Pi
IoT system architecture
Kiosk devices

Engineering

Docker
Git / GitHub
CI
Testing
Architecture documentation

EDUCATION

University of Bielsko-Biała

Computer Science
10.2023 – present · Final semester