Wojciech Bak

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Summary

A reliable, approachable, and hard-working individual with a strong background in automotive and construction industries. I have sharpened my problem-solving skills and am now looking to excel in software development. Over a year of experience in personal projects with extensive learning in computer science, data science, management, and economics. Proficient in Python, JavaScript, and cloud computing with AWS and Google Cloud.

Education

Codecademy | Full-Stack Engineering | 06/23 - 05/24

Open University | Business Management with Economics | 10/22 - 05/25

Experience

Building Products Comparison Website
Personal Project

- Developed a Next.js front end for product search and categorization.
- Built and automated a Python backend on AWS EC2, integrating Lambda, EventBridge, and AWS Simple Email Service.
- Managed PostgreSQL on AWS RDS with Algolia Search for advanced indexing.
- Created scrapers for Tradepoint and Screwfix and set up CI/CD with GitHub Actions.
- Enhanced skills in AWS, Python, Docker, and frontend development.

React Vite Shop App
Personal Project

- Developed a shopping application using React and Vite for a fast and responsive user interface.
- Implemented a Node.js and Express.js backend for handling API requests and business logic.
- Set up a MongoDB database for efficient and scalable data storage.
- Self-hosted the application on a Google Cloud VM, ensuring reliability and performance.
- Enhanced skills in React, Vite, Express.js, MongoDB, and Google Cloud deployment.

Skills

Soft Skills:
- Ability to work well with others and independently using my initiative
- Strong analytical and problem-solving skills
- Self-motivated and results-driven
- Excellent written and verbal communication skills.
- Proven ability to build and maintain customer relationships.
- Fluent Polish speaker

Technical Skills:
- Frontend: (React, NextJS)
- Backend (Express JS, Node JS, Python)
- Cloud Computing (AWS, Google Cloud)
- Database Management (SQL, NoSQL, PostgreSQL, Qdrant)
- Programming Languages: (Python, JavaScript, TypeScript)
- Web Scraping (Requests, Selenium, Scrapy, Puppeteer)
- Data Analytics (Python, Scikit-Learn, Pandas, PyTorch, TensorFlow, Minitab)
- Tools: Source Control (GIT), Operating Systems (Windows, Linux)