



# MAKSYMILIAN KALEK

## Senior AI Full-stack Software Engineer

### CONTACT

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### EDUCATION

#### University of Economics and Business in Poznań

IT and Econometrics (spec. Data  
Science)  
2019-2022

#### LLM101x: Large Language Models: Application through Production

#### LLM102x: Large Language Models: Foundation Models from the Ground Up

### SKILLS

- Python, Flask, FastAPI, Django
- ML, LLMs, LangChain
- React, JavaScript, TypeScript
- AWS, CDK
- Java, Spring
- CI/CD, Docker, Kubernetes

### LANGUAGES

English - C1  
German - A2  
Polish - Native

### ABOUT ME

I am an ambitious Senior AI Full-stack Software Engineer passionate about developing high-quality solutions and continuously seeking new challenges to grow and excel.

### EXPERIENCE

#### Senior AI Full-stack Engineer Perelyn (AI) 08.2023 - present

- Development of production scale, cloud, AI & LLM systems [AWS, CDK, Hugging Face, vector stores]
- Front-end engineering [TypeScript, React]
- Back-end [Python, Flask, FastAPI, Serverless, Lambda]
- MLOps [Kubernetes, Kubeflow, MLFlow]
- DevOps [CI/CD, Docker, GitHub Actions]
- Data processing [LangChain, LangGraph, Pandas, OCR]
- Architecture design and engineering
- Junior developers mentorship and workshop moderation

#### Full Stack Cloud Engineer Grape Up (Automotive) 09.2022 - 07.2023

- Implementation of cloud-based serverless solutions using [AWS, CDK]
- Front-end design and development [JavaScript, React]
- Back-end software development [Python, Lambda, Java, Spring]

#### Java Software Engineer SIX (Banking) 01.2022 - 08.2022

- Software development [Java, Spring, Hibernate, SQL]
- Conducting code reviews, moderating workshops
- Conceptualisation and development of on-premises architecture

#### Data Scientist I2G (Data) 01.2022 - 03.2022

- Creation of a photo analysis pipeline [Python, Pandas, Matplotlib]

#### Java Software Developer Best.net (E-Commerce) 07.2020 - 12.2021

- E-Commerce platform development with Back-end [Java, Struts, Apache], Front-end [JSP, TypeScript, JQuery], E2E tests [Selenium]