

Mateusz Woźniak

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SUMMARY

Software Engineer specializing in high-performance server systems, with hands-on experience in mobile development and computer vision. I've shipped production software in teams ranging from startups to mid-size companies, and currently maintain two live mobile SaaS products independently. My background spans backend architecture, ML-based CV projects, and end-to-end product delivery.

SKILLS

Programming Languages: Go, SQL, Dart, TypeScript, Python (fundamentals of PHP, Java and C#)

Frameworks: Labstack Echo, Gingko, Gorm, Bun, Flutter, Laravel, Vue, React, Numpy, PyTorch, Elasticsearch, GraphQL

Developer Tools: Postgres, Bash, Git, Docker, AWS, Kubernetes, MySQL, Terraform, Github Actions, Jenkins, Claude Code

Languages: English - B2/C1, Polish - native

EXPERIENCE

Backend Engineer

Jun 2023 – now

Appiscale - Cloud Software Consulting Company

Cracow, Poland

- AI-powered platform for legal contracts processing. I've been responsible for setting up full AWS infrastructure that allowed to run heavy LLM-agents-based workloads. I've maintained Terraform codebase that managed services like EKS, RDS, OVPN, multi-VPC Peering, Elasticsearch and vector databases. Deployment was automated using GitHub Actions.
- Social network mobile app for athletes. I was responsible for development new features in Flutter (Dart) and improving in-app analytics and traffic attribution allowing client to better understand marketing funnels.
- Project for US-based, Gaming company: development of two new microservices in Go. My purpose in the 5-engineers team was to develop REST APIs that utilize payment provider integration, and AWS services like SNS, SQS, RDS, S3, and DynamoDB. I've been also responsible for code architecture in one of the two microservices. Special care was taken for optimization due to performance requirements. It involved implementing tracing across the entire codebase and Go Profile-Guided optimization.

Mobile Engineer

Feb 2023 - May 2023

- I've been involved in the development of a mobile app for discovering national park attractions. In a 4-person team, my main responsibility was to develop core app features like GPS-based track recording and badge collection.

Fullstack Engineer

May 2021 - Jul 2022

Aeroklub Rzeszowski - Aircraft Management Organization

Rzeszow, Poland

- Project of an e-learning platform for pilots candidates allowing them to learn the theory required to get a pilot license. My work was focused on modeling domain and development of web dashboard in Laravel and Vue. Additionally, I've configured Jenkins automated deployments for faster iteration.
- Aircraft reservation software for an aviation club. My role was to design and develop a multi-tenant web platform written in Laravel and Vue. I've also maintained the deployment of product on client's infrastructure.

Backend Engineer

Sep 2019 - May 2020

Edunails - Video Course Platform PoC

Rzeszow, Poland

- Video Courses Platform for the beauty industry. My role in the project was to develop two Go microservices - for payments and video upload and deploy them on the Kubernetes cluster. Video upload service utilized RabbitMQ, FFMPEG for video compression, and Scaleway S3 object storage. The project integrated PayPal as a payment gateway.

EDUCATION

AGH University of Science and Technology - Master of Science in Engineering

2025 - 2026

Biomedical Engineering, Faculty of Electrical Engineering, Automatics and Computer Science

Cracow, Poland

- Specialization: Computing and Electronics in Medicine
- Thesis: Design of Kubernetes Operator for Scheduling Protein Conformation Prediction Tasks on Cloud Computing Clusters

AGH University of Science and Technology - Engineer

2021 - 2025

Computer Science and Intelligent Systems, Faculty of Electrical Engineering, Automatics and Computer Science

Cracow, Poland

- Thesis: Classification of selected bone marrow cells from smear images using convolutional neural networks

PERSONAL PROJECTS

AED map - mobile app

Flutter-based mobile app that allows users to find the nearest Automated External Defibrillators. The app utilizes the OpenStreetMap and Valhalla pedestrian router. The app has more than **230k installs**, with around **600 daily active users**.

AirGuide - airspace zones mobile app

Flutter-written mobile app that allows Polish pilots to explore airspace zones before the flight. It utilizes pansa.pl API and Go-powered backend for fetching aviation telegrams. Used actively by around **90 pilots checking airspace status every day**.