Mateusz Woźniak

Software Engineer

+48 505 506 682 | mateusz@mateuszwozniak.com | github.com/matisiekpl

SUMMARY

I'm a passionate, mostly self-taught Software Engineer focused on high-performance server systems with experience in mobile app development. I've worked in different-sized teams delivering high-quality software. In my free time, I maintain two digital mobile SaaS products. In addition, I've built a few computer vision projects (including machine learning).

SKILLS

Programming Languages: Go, SQL, Dart, JavaScript, Python (fundamentals of PHP, Java and C#)
Frameworks: Labstack Echo, Gingko, Gorm, Bun, Flutter, Laravel, Vue, Numpy, PyTorch, Tensorflow
Developer Tools: Bash, Git, Docker, AWS, Kubernetes, Jaeger, MySQL, Terraform, Github Actions, Jenkins
Languages: English - B2/C1, Polish - native

EXPERIENCE

Backend Engineer   Jun 2023 – now
Appliscale - 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
Travel app for natural attractions discovery   *Rzeszow, Poland*
- 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 - now
Biomedical Engineering, Faculty of Electrical Engineering, Automatics and Computer Science   *Cracow, Poland*
- Specialization: Computing and Electronics in Medicine

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 **80k installs**, with around **400 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**.