

MICHAŁ BĘDKOWSKI

SOFTWARE ARCHITECT



CONTACT

- +48 886 577 881
- mihu@mihu.rocks
- Wrocław, Poland
- mihu.rocks

EDUCATION

- MASTER'S AUTOMATION AND ROBOTICS**

Wrocław University of Technology- 2012

SKILLS

- PHP, Python, Go
- AWS, Terraform, CI/CD
- Data Analytics, Apache tools
- Software design
- Problem solving, project management

LANGUAGES

Polish native
English C1
Spanish A2

PROFILE

I'm a software architect and the CTO of 4soft Software House. Over 14 years of working as a programmer and the president of the company have taught me humbleness and a pro-client approach.

My working experience includes creating a variety of systems operating in many specific domains, from FinTech to medical industries.

I'm passionate about wood, mountains and music.

EXPERIENCE

- CTO / SOFTWARE ARCHITECT**

4soft, 2016 - now

- creating software architectures,
- creating on-premise / cloud (AWS) infrastructures,
- Python / PHP / GO programming,
- programming in the field of data analytics,
- managing project teams,
- contact with the client, collecting requirements

- SENIOR PROGRAMMER**

Amiona, 2016

- PROGRAMMER**

Complearn, 2012 - 2015

- OWNER**

Itimo, 2012 - 2016

PROJECTS

- **SOFTWARE ARCHITECT**

Artclear, 2022 – now

Creating a solution for an innovative tool for confirming the authenticity of works of art. Integration with scanning devices, blockchain implementation and a number of integrations with external vendors.

- **SOLUTION ARCHITECT**

TerGo, 2022 – 2023

TerGo is carbon tracking application. This ecosystem includes a mobile application, a set of calculators, APIs and microservices supporting calculations. The task was to move from the mvp phase to a production-ready product.

- **SOLUTION ARCHITECT / DEVOPS**

Colony Lab, 2021 – now

Colony is Community-driven Avalanche ecosystem accelerator. Task was to create development and production infrastructure for a blockchain project based on avalanche. Created set of automations, IaC, CI/CD, implementation of development best practices.

- **SOFTWARE ARCHITECT / PROGRAMMER**

GlassCAD, 2021 – now

Graphic application for creating glass installation projects. The application supports the work of the engineer, automates the process of ordering components and creates professional construction plans that can be used as batch files for CNC machines. The application integrates with the warehouse and banking system. Works in the subscription model.

- **SOLUTION ARCHITECT**

Blockchain Chat, 2021 – 2022

Create solution for quorum-based application that is an internal communicator of government sector organizations. The application allows to conclude contracts without the need to go through a long process of document validation.

- **SOFTWARE ARCHITECT / PROGRAMMER**

Giewont ERP, 2020 – 2022

Creating a complex erp-class system for human resource management in a production company. The system includes IoT components, cloud computing and high security solutions. The application integrates with external systems, enabling the continuation of processes in other modules - e.g. banking. The scope of work includes everything from system architecture to the creation of physical server rooms and IoT devices.

- **SOFTWARE ARCHITECT**

Traveler Services, 2019 – 2021

The application is a complex trip planning system. It contains a large number of integrations that comprehensively help plan a trip, guiding the user through a convenient wizard. The application allows to purchase transport and hotel services, rent guides and many additional services. The ecosystem consists of 5 separate applications, 2 mobile and 3 web. Separate applications are created for travel guides where they manage their services, hotels and rbnb rooms and system administrators. The application was created on the cloud infrastructure, using the cloud agnostic pattern.

- **R&D PROGRAMMER**

Biofarm IoT, 2018

Research and development on a system managing distributed devices - biofarms. The system collected and analyzed large amounts of data on the fly and was used to detect anomalies. The main task of the application was to control whether the devices work properly, without producing chemicals harmful to health.

- **ARCHITECT PROGRAMMER**

IPMA certificate manager, 2017 – now

Creation of an application to manage the main product - certificates for product managers. The application includes banking modules, notifications and reports. The purpose of the application was to unblock the bottleneck which was customer service. The scope of work includes everything from architecture to maintenance.

- **ARCHITECT PROGRAMMER**

Skilleton, 2017 – now

Self founded project - multimodular work support system. Created to manage contents of the company. Developed along with the development of demand for new functionalities. Currently used as cms, online shop, crm.

- **PROGRAMMER**

Amiona Services, 2016

Building service marketplace. Task was to create integration of vendor web services, creating a universal interface structure for client applications. Working with openid connect.

- **PROGRAMMER**

Parp HR Manager, 2012 – 2016

Building platform for training marketplace. It has implementation of neural networks helping to develop well fitted learning paths for employee positions in various industries.

- **PROGRAMMER**

Freelance, 2010–2012

Creating websites, online shops, small applications.