

GÁBOR MONOSTORI

PHYSICIST AND SOFTWARE ARCHITECT



CONTACT

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🕒 29 Sep 1977

📍 Belgium

🌐 LinkedIn

SKILLS

- › API & System Design
- › Distributed Systems
- › Event-Driven Architecture
- › Data Engineering
- › Full Stack Development
- › Cloud providers
- › DevOps & CI/CD
- › AI/ML Integration
- › Data Visualization
- › UX Prototyping

LANGUAGES

- › Hungarian – Native
- › English – Fluent
- › Dutch – Proficient
- › Spanish – Basic

SUMMARY

I am a researcher at heart – fascinated by the way problems can be captured in mathematical models. That same problem-solving drive carried me through different roles and projects over the years, collecting lessons from successes and failures alike. What crystallized is a way of working: dive deep, understand the problem, then build something that actually adds value.

EXPERIENCE

DATA ENGINEER AND ARCHITECT

Muistry Solutions | Apr 2024 – Present

Controlling PLCs and devices, visualising incoming data in distributed systems. Designing an open-source unified tag engine for data management.

COFOUNDER & ARCHITECT

ONDASH | Jul 2023 – Present

Designed an AI-powered BI platform for financial data and automated analysis.

FULL STACK DEVELOPER

Barco | Oct 2021 – Feb 2023

Incubator project focused on multi-camera systems. Built a video/audio streaming prototype with rule-based camera control. User testing across multiple pilot projects.

FULL STACK CONSULTANT

Biomérieux | Jan 2019 – Sep 2021

Processing raw genomic sequences using bioMérieux's microbiology codebase.

LEAD FRONTEND DEVELOPER

Ontoforce | Mar 2014 – Sep 2017

Led design and implementation of the first UI for the semantic search platform in life science.

Full career history available on LinkedIn

EDUCATION

INFORMATION TECHNOLOGY

Eötvös Loránd University, Faculty of Informatics | 2006 – 2011

Master's degree. Specialization in mathematical modelling, algorithm design and approximation.

PHYSICS

Eötvös Loránd University | 1998 – 2003

Master's degree. Specialization in particle physics and astrophysics.