

Bazsonyi Tamás

DevOps Architect · UI/UX Design · Backend Developer

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PROFESSIONAL SUMMARY

I'm Tamás, based in Budapest. For over a decade I worked on enterprise platforms — private cloud, CI/CD, data warehousing, high availability — often leading technical work across Budapest and Berlin. I'm comfortable deep in the stack, and I still think in terms of failure modes, capacity, and what happens after go-live.

Since 2023 I've been freelancing, and the projects look different on the outside: cloud-linked building automation (iNELS, Siemens, PLC environments), home and small-site control, web apps and backends for businesses that had outgrown spreadsheets. The approach is familiar though — understand the context on site, build, run it with real users, adjust what the first version misunderstood. I design interfaces when the job needs it; some of the clearest lessons came from watching someone use a switch at the wrong hour.

Over the last couple of years I've leaned heavily on AI-assisted development. Cursor is where I spend most of my coding time — sketching features, refining UI and backend code, and trying alternatives before committing to a direction. Models and assistants speed up exploration; architecture, review, and what goes to production are still engineering decisions I own.

Contracting fits how I prefer to work: short lines of communication, direct feedback, room to rethink when the problem turns out to be slightly different from the first conversation. I collaborate remotely across Europe and I'm most motivated when I can shape both the concept and the implementation — not hand off one half and disappear.

PROFESSIONAL EXPERIENCE

Freelance IT Consultant & Developer Independent contractor

2023 – Present

Budapest, Hungary · Remote

- Freelance engagements focused on turning prior enterprise infrastructure and automation experience into end-to-end, production-ready solutions for clients.
- IT & smart home / building automation: cloud-backed integration of field hardware with unified monitoring, remote control, and intelligent orchestration (scenes, schedules, sensor-driven logic, user-facing apps and API bridges).
- Designed reliable connectivity between PLCs, gateways, and modern backends — state synchronization, secure access, and maintainable deployments aligned with DevOps practice.
- Hands-on work with iNELS, Siemens building-automation ecosystems, and Kinco/Kinko PLC environments — protocol bridging, logic coordination, and operator-friendly control surfaces.
- AI-driven UI/UX and backend development: product-grade interfaces, service APIs, data layers, and integration with AI-assisted workflows where they add clear user value.
- SME-focused AI-driven delivery: lightweight workflows and everyday applications that simplify operations without enterprise overhead — from idea to usable tool quickly.

DevOps Architect MAP Health Watcher

2020 – 2023

Budapest, Hungary

- Designed and implemented resilient, highly available infrastructure supporting SaaS/PaaS services.
- Led a DevOps team and coordinated cross-organizational infrastructure planning and deployment.
- Built and maintained a private cloud environment hosting the company's key services.
- Developed Big Data warehousing solutions and migrated legacy RDBMS systems for analytics.
- Created end-to-end CI/CD pipelines with Jenkins, Nexus, OpenShift, and Docker.
- Automated virtual infrastructure provisioning using Terraform.
- Established monitoring and alerting (Prometheus, Zabbix, CHK) for SLA compliance.
- Designed georedundant data center racks with seamless failover.
- Managed L1–L3 support structures and vendor relationships.

Chief System Engineer **Avendata GMBH**

2013 – 2020

Budapest & Berlin

- Led system engineering initiatives aligned with business objectives.
- Collaborated with DBAs and stakeholders on requirements, optimization, and analytics support.
- Supported enterprise network infrastructure, HA, and disaster recovery planning.
- Managed Big Data warehousing projects and optimized scalability.
- Maintained vendor relationships for hardware and software procurement.

System Engineer **ICACO SYSTEM Kft.**

2015 – 2018

Budapest, Hungary

- Provided network and server infrastructure support for third-party clients.
- Designed and implemented Cisco, Mikrotik, and Microsoft-based solutions.
- Supported database scaling, high availability, and capacity planning.

System Administrator · Freelance IT Engineer & Developer **Netfabrik Kft. · Independent contracts**

2011 – 2013

Hungary

- At Netfabrik: administered Linux and Windows server estates — Active Directory, domain controllers, DNS, DHCP, Group Policy, virtualization, backup/patch cycles, and file/print services.
- Network operations: Cisco, Mikrotik, and Juniper — VPN, routing (OSPF/static), BGP, firewall policy, NAT, VLANs; monitoring, incident response, and vendor coordination.
- In parallel, freelance contracts: end-to-end back-office IT for a hospitality group with 30+ venues — infrastructure, networking, and multi-site user support.
- First product build as lead developer: custom in-house point-of-sale and settlement system — from floor requirements through rollout and production support.

Network Engineer **UPC Magyarország Kft.**

2008 – 2011

Hungary

- Started in Tier 1 and Tier 2 technical support, then moved to the Business division in the second year as a network engineer.
- Delivered advanced (high-tier) support for business customers — complex connectivity, escalations, and coordination with field teams.
- Configured, tested, and delivered customer-premises equipment: routers, firewalls, and related network gear aligned with service designs.

- Hands-on work with access and edge devices in a cable-operator environment; documented configurations and handovers for install teams.

Network Engineering Intern
Vodafone UK

2006 – 2007

United Kingdom

- Network engineering internship in a mobile-operator environment, working alongside senior engineers on live infrastructure.
- 2G/3G networking and B2B enterprise support — troubleshooting connectivity, escalations, and customer-facing technical coordination.
- Exposure to a broad range of networking devices and operational tooling: change control, monitoring, and documentation in a high-availability telco setting.

EDUCATION

Bíbó István Alternative Grammar School and Vocational Secondary School

2000 – 2004

Hévíz, Hungary · Secondary education

University of Pécs

2005 – 2008

Faculty of Engineering and Information Technology
Bachelor of Science (BSc) · Systems Engineering

LANGUAGES

Hungarian

Native

English

Advanced (C1)

CORE SKILLS

AI-Assisted Development Cursor · Claude & LLM workflows · Rapid prototyping · AI-supported UI/UX · Backend iteration	Data & Analytics Big Data · Data Warehousing · RDBMS · NoSQL
Cloud & Platforms Azure · AWS · Private Cloud · IaaS · PaaS · SaaS	CI/CD & Automation Jenkins · Nexus · Docker · GitOps
Containers & Orchestration Kubernetes · OpenShift · Docker	Monitoring & Security Prometheus · Zabbix · Nagios · Cisco · Mikrotik · VPN · HAproxy
Infrastructure as Code Terraform · Ansible · GitOps	Methodologies Scrum · Agile · DevOps

PASSION PROJECTS

Software I develop for my own projects and initiatives — not client commissions — from festival ops to event tools, mostly pair-built with Cursor.

Stagehand

Operations software for my own Sticks + Stones–style festival work: timetables, artist hospitality, volunteer shifts, catering, and technical rental inventory in one place. It exists because the projects needed a real ops layer, not another spreadsheet — still in beta, still my favourite rabbit hole, still evolving with each season.

React · Vite · Python · PostgreSQL · Docker

The Ambassador

Ticketing platform for my own low-budget, break-even–driven festival concept — ambassador codes, phased prices, guest tickets, and dashboards that make artist economics visible. Software built to test an idea the projects depend on, not a generic off-the-shelf product.

Next.js · FastAPI · PostgreSQL · Redis · Docker

Nincsenek Fények!

Application stack for my own “Nincsenek Fények!” initiative — playful fact-checking for different ages, with API, content flows, and background jobs in containers. Built to serve the project’s format, not as outsourced product work.

Python · FastAPI · Docker · MongoDB · Celery

Közéleti Bingó!

Event software for my own live show format: a bingo game that playfully links big political headlines to everyday life — the kind of “that’s so true” moments people already joke about. A Whisper worker listens for spoken words and marks the card; admin tooling runs the rounds. Lightweight stack, real-time room energy.

FastAPI · Whisper STT · Redis · Docker · Nginx