

Michał Michalski

CTO & Lead AI Software Engineer

Poznań, Poland • michal@buyuk.io • buyuk.io • calendar • +48 514 954 985

I build AI systems that ship. Currently CTO at IntelliRoom, an AI due diligence platform for VCs and private equity. Previously co-founded Fractile (acquired). Over a decade of engineering experience, from signal processing startups to Microsoft and Samsung R&D.



Work Experience

IntelliRoom, CTO / Lead AI Software Engineer

01.2025 – present

LLM, LangChain, Python, JavaScript, FastAPI, Redis, PostgreSQL, MongoDB, AWS, Docker, K8s

- Built and own the entire AI stack—agents, pipelines, and core platform—cutting investor due diligence from weeks to days.
- Define technical vision and roadmap in collaboration with business stakeholders.
- Lead a cross-functional team (backend, frontend, design, QA) while driving AI tooling adoption across the org.
- Cut AWS infrastructure costs by 50%.

Scalo, Lead AI Software Engineer (Contract)

03.2025 – 09.2025

LLM, LangChain, Python, Flask, Prefect, Docker, Redis, PostgreSQL, Azure, Jira API

- Built multi-source LLM-agent pipeline automating reporting and project insights.
- Unified ERP/CRM/PM ingestion with Prefect flows, Redis, and Azure.
- Shipped LangChain + Flask services cutting manual report prep for PMs.

Fractile sp. z o.o., Co-founder & CTO / Lead Developer

05.2024 – 03.2025

LLM, GPT, LangChain, LlamaIndex, Python, FastAPI, Flask, Vue, Docker, K8s, PostgreSQL, Azure

- Built Agentic RAG platform for B2B customers (acquired).
- Led R&D effort to develop novel methods and tools for improving AI agents.
- Orchestrated Fractile's acquisition by IntelliRoom and transitioned platform IP and roadmap.

Microsoft, Software Engineer II (FTE)

05.2023 – 06.2024

C#, Azure, Service Fabric, Kusto, Cosmos DB, Event Hubs, ADLS Gen2, ChatGPT, Azure AI Services

- Delivered features and fixes for a large-scale distributed data processing service.
- Led live-site monitoring and on-call, improving service reliability.
- Mentored new hires; contributed ChatGPT/Azure OpenAI side project.

P&P Solutions, Senior Software Engineer (Contract)

01.2023 – 02.2024

C++, Python

- Maintained and enhanced an airline optimization engine with advanced features.
- Introduced Python/pytest E2E tests; standardized quality with Clang tools.
- Prototyped a metaheuristic alternative to the core algorithm.

Career Break, newborn child

10.2021 – 12.2022

Earlier Experience

ActiveVideo Engineering, Senior Software Engineer

08.2020 – 09.2021

HTTP proxy for remote OpenGL rendering; end-to-end test framework.

Samsung R&D, Software Engineer

09.2018 – 06.2020

Tizen WebAPI module lead; EWIDL documentation system; ToF sensor optimization.

Nokia, Software Engineer

03.2017 – 08.2018

LTE base-station components; workflow automation.

Hewlett-Packard Enterprise, Backend C++ Developer

02.2016 – 02.2017

Airline reservation systems; Rolls-Royce big-data processing.

Zylia, R&D Software Engineer

06.2014 – 02.2016

STB OS components; audio algorithms; H264 watermark decoder.

Education

Poznań University of Technology, Computer Science

2012 – 2016

- B.Sc. Computer Science coursework completed without obtaining a degree.