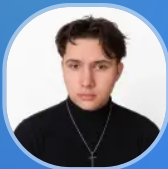


Ivo Bělohlov

Tech Lead & AI Systems Engineer



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Liberec Region, Czechia

PROFILE

IT graduate (2026). I build autonomous AI pipelines, MCP servers, and production web applications. Methods that hold: spec before code, tests before deploy, safe migrations, measurable output.

EXPERIENCE

Cognera s.r.o. Feb 2026 – present

Tech Lead & Full-Stack Engineer **Contract · Remote**

- Promoted from Full-Stack Engineer; now leading a 3-person team.
- End-to-end ownership: backend, frontend, migrations, testing, and UI/UX decisions.
- Bringing AI-assisted development into team practice — agents, MCP servers, code review workflow.

Cognera s.r.o. Oct 2025 – Feb 2026

Full-Stack Engineer **Contract · Remote**

- Built and maintained REST APIs with DB migrations; validated releases with SQL checks.
- Shipped UI features in React/TypeScript; zero regressions via PR review.

OPWeb Internship

Software Developer **Internship**

- Web development and teamwork in a PR / code review workflow.

SELECTED PROJECTS

ProdejUp [Link](#) 2024 – present

AI chatbot for Czech e-shops. Live chat, product sync, proactive messaging.

NEXT.JS **REACT** **FASTAPI** **STRIPE** **OPENROUTER** **OPENAI API**

BazenyDnes [Link](#) Client project

Co-creator of a Czech e-shop for pool and garden equipment.

E-COMMERCE

Aster 2026

Security-first personal assistant: local voice control, a supervised browser, guarded integrations. No cloud.

LOCAL AI **VOICE** **SECURITY**

ShipGuard UE 2026

Packaging diagnostics and performance-hitch hunting right in the editor — a tool for game developers.

UNREAL ENGINE **C++**

TECH STACK

Frontend

React **Next.js** **TypeScript**
Tailwind

Backend

C# (.NET 8) **Java (Spring Boot)**
Python **FastAPI**

Tools & DB

PostgreSQL **MongoDB** **Redis**
Claude Code **Codex** **Pi**
MCP servers
Git & GitHub PR workflow **CI/CD**
Docker **Figma**

APPROACH

“Safe migrations and backward-compatible APIs across the system.”

“Verification via SQL checks, regression tests, and PR review.”

“AI-assisted development with MCP servers, terminal agents, and custom tools.”

EDUCATION

Masaryk SPŠSE & VOŠ Liberec

Desktop and web applications

Graduation 2026

LANGUAGES

Czech	Native
English	B2
German	Basics