Marcela Řezková

AI Engineer · Agentic systems & product builder

info@fullstackdev.cz · +420 734 424 465
fullstackdev.cz · linkedin.com/in/marcelrezkova · github.com/marcelrezkova
Czech Republic · open to AI & R&D teams in Europe

PROFILE

I design products and build them with AI agents. I run multi-agent development workflows end to end (spec → plan → orchestrated implementation → automated review) and build the systems those agents operate in: Rust and Python services, React front ends, data pipelines and knowledge networks that give agents context. Three layers: **agentic AI systems** (orchestration, MCP, prompt and eval design), **full-stack & data foundation**, and **product & delivery** from market data to a shipped result. Founder background. Creative when there is room to explore, decisive when the facts are in hand.

EXPERIENCE

AI Engineer & Product Builder · independent — 2024 – present

- Designed and am building a local agentic platform in Rust (event-driven modular monolith, SurrealDB, MCP-ready) that collects public signals from dozens of sources and scores market opportunities into a daily brief; delivered through a spec → plan → subagent implementation → review workflow with 60+ automated tests.
- Built a data platform for a consumer market with a five-layer ETL (raw → staging → core → metrics → mart), a deal-scoring engine and a React front end with 3D visualisation; development tasks dispatched to specialised AI agents via Slack and CI.
- Delivered production web applications for small businesses: booking systems, admin panels, e-mail notifications, payment-gateway integration and structured-data SEO (Next.js, React, Convex, TypeScript).
- Built automated analytics pipelines comparing official statistics with real market data from 14+ sources (DuckDB, GitHub Actions, interactive dashboards).
- Run paid working sessions for teams on where AI agents fit in their product or workflow.

Analyst / Full-stack Developer · IIIDM International Consulting — 2025 – present

- Data-intensive applications for an international consulting firm: Python back ends with React front ends, DuckDB and Supabase databases, automated monthly ETL updates with 100% data reliability; three production applications deployed.

Founder & Project Administrator · Valeolla Consulting — 2022 – 2025

- Founded and operated a consulting firm specialising in project documentation and administrative infrastructure for clients.

COMMUNITY & SELECTED PROJECTS

IT neSKOLA · tech community, team projects for the public sector — 2026

- Regional government analytics tool (three-person team): API-first FastAPI service over a live SQL Server database that detects stale investment actions across thousands of records using configurable validators; presented results to mentors and stakeholders.
- City mobile-app review bootcamp: UX and security assessment of a municipal application using browser automation, with a prioritised improvement proposal.

AI safety evaluation · contractor — 2026

- Authored locale-native adversarial prompts and peer reviews for a frontier-model red-teaming programme (Czech market).

SKILLS

AI
Claude API & Agent SDK, Claude Code, MCP, multi-agent orchestration, Ollama, prompt & eval design, AI code review

LANGUAGES
Python, TypeScript, Rust, SQL

FRONTEND
React, Next.js, TailwindCSS, Three.js

BACKEND & DATA
FastAPI, DuckDB, Supabase, SurrealDB, SQL Server, ETL, web scraping

OPS
Docker, GitHub Actions, CI/CD, Netlify, Railway, Fly.io, Stripe

CERTIFICATIONS & LANGUAGES

- Google Cloud Data Engineer Professional Certificate
- Data Analyst Professional Certification

LANGUAGES
Czech (native) · English (advanced) · German (intermediate)