Ondrej Hruby

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PROFESSIONAL SUMMARY

Software Engineer with strong AI focus and startup experience, specializing in owning and scaling AI-powered products end-to-end. Proven track record as a founding engineer, owning frontend, backend, cloud infrastructure, and AI pipelines in fast-paced environments. Experienced in leading teams, shipping production AI systems, and translating business needs into scalable technical solutions.

EXPERIENCE

KlartextAI — Vienna, Austria
Founding Engineer / Lead Software & AI Engineer
Mar 2025 – Mar 2026

- Joined as the first employed engineer, owning technical execution and supporting the transition from early prototypes to client-driven AI products used in production environments.
- Architected and delivered AI-powered web applications using **Next.js/React**, **Python (FastAPI)**, **Supabase (PostgreSQL)**, DigitalOcean, and Vercel.
- Built production AI systems including **STT/TTS** interactive avatars, **LLM-based RAG pipelines**, and AI-assisted document processing workflows.
- Implemented secure, scalable platforms with **role-based access**, **row-level security (RLS)**, and integrated AI pipelines for client-facing CRM and proposal-generation tools.
- Collaborated closely with CEO and stakeholders to deliver multiple long-term client projects for 4+ external clients and scale engineering practices.

CalistFitness — Remote
Founder & CTO
2025 – Present

- Founded and lead development of an early-stage, all-in-one fitness coaching platform under active development, targeting professional fitness coaches (B2B). Architected a **React Native** mobile app with **Python/Django backend** and **Supabase (PostgreSQL)**.
- Leading development of **AI-assisted services** for **video-based exercise feedback**, **meal image verification**, and personalized training and nutrition suggestions.
- Managing and mentoring a team of 5 interns, overseeing architecture, code quality, and delivery.

Next Generation Sensors — Maastricht, Netherlands
Full-Stack Developer / Data Engineer
Sep 2023 – Jul 2024

- Built **Python-based microservices** and **real-time dashboards** for industrial sensor systems.
- Developed **Angular dashboards** for live monitoring and control, improving operational efficiency by ~30%.

TECHNICAL SKILLS

Software Engineering: JavaScript/TypeScript, React, Next.js, React Native, Python, FastAPI,Django, REST API, Node.js

AI & Applied ML: LLMs (OpenAI, Claude), STT/TTS, Classification, Neural Networks, Prompt Engineering, Tensorflow, PyTorch

Infrastructure & DevOps: PostgreSQL (Supabase), DigitalOcean, Vercel, Docker, Git, CI/CD

EDUCATION

BSc Computer Science (Software Engineering) — Fontys University of Applied Sciences, Netherlands

MSc Data Science & Artificial Intelligence — European Higher Education Institute *(in progress), Remote, Part-Time*