



CONTACT

Prague, Czechia

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AVAILABILITY

~20 h / week · B2B

Hybrid in Prague, on-site
Thu & Fri.

Fully remote also fine.
Start immediately.

CORE STACK

LANGUAGES

TypeScript · JavaScript ·
SQL · Bash

FRONTEND

Vue 3 · Nuxt · React ·
SvelteKit · Tailwind · D3.js

BACKEND

Node.js · AdonisJS · Fastify
· REST · BullMQ

DATA

PostgreSQL · Redis ·
Elasticsearch · MongoDB

INFRA

Docker · Docker Swarm ·
Traefik · CI/CD · Linux ·
DigitalOcean · Hetzner

PRACTICE

System architecture · Code
review · Scrum · Mentoring

LANGUAGES

Czech native

English full professional

EDUCATION

**B.Sc. Applied Computer
Science**

VŠE Prague · 2024 – 2027, in
progress

Cybersecurity & Forensics

Smíchovská SPŠ · 2020 – 2024

Jan Komínek

Medior / Senior Fullstack Engineer

TypeScript · Node.js · Vue & React · PostgreSQL · Docker · System architecture

I take products from an empty repository to production. Six companies since 2022, two products built from scratch and shipped live, and one I still run myself. Most recently sole frontend engineer on a zero-trust data provenance platform, and before that technical lead on an EV charging platform taken from bare infrastructure to live payments. Vue and React on the front, Node and PostgreSQL behind it, Docker and CI/CD underneath.

4 yrs

commercial
experience

2

products built from
scratch, shipped live

4

developers led
on Diář FISáka

350

students use the
product I run

EXPERIENCE

Senior Frontend Engineer

Apr 2025 – Aug 2026

CORAC Engineering · B2B · Remote · sole frontend engineer

- Sole engineer on the frontend of **DeepTrace**, which lets providers verify the lineage of Earth Observation data **without ever transferring the files themselves**.
- Built the **D3.js lineage visualisation** that renders supply chain graphs tracing a file's origin and every processing step it passed through.
- Implemented **client-side hash-chain verification** so the browser validates data blocks against trusted records with no server trust required.

Vue 3 · TypeScript · D3.js · Vite · Shadcn UI · AWS Cognito · Node 22

Fullstack Engineer

Sep 2024 – Jun 2026

Intedat · B2B · Remote · 1 yr 10 mos

- Delivered features end to end on a data platform, from the Nuxt frontend through the AdonisJS backend to PostgreSQL and Redis, as the single point of contact for product stakeholders.
- Rebuilt search on **Elasticsearch** across large datasets, tuning relevance and query latency.
- Owned the **CI/CD pipelines and DigitalOcean Linux infrastructure** that production deploys ran on.

TypeScript · Nuxt · AdonisJS · PostgreSQL · Redis · Elasticsearch · CI/CD

Fullstack Engineer, technical lead

Aug 2023 – Sep 2024

IONT tech · B2B · Remote · 1 yr 2 mos

- Led an **EV charger management platform** from bare infrastructure to live payments as the only fullstack engineer on it.
- Shipped a public charging app handling **online payments and remote charger authorization**, plus the operator control panel behind it.
- Designed and deployed the whole environment from scratch as **Docker Swarm microservices** on IaaS, plus an auto-updating firmware delivery system built with the hardware team.

SvelteKit · Fastify · TypeScript · Docker Swarm · MongoDB · Redis · Linux

EDUCATION, IN DETAIL

VŠE Prague

B.Sc. Applied Computer Science, in progress

System design, machine learning, cloud computing and data analytics alongside business fundamentals: finance, marketing, corporate law.

Smíchovská SPŠ

Cybersecurity & Computer Forensics, full marks in technical subjects

Network security, forensics, system administration. Thesis: a fullstack e-commerce store built from scratch, DevOps and CI/CD included.

CERTIFICATIONS

DataCamp: Supervised & Unsupervised Learning in Python, Intro to Data Science in Python, Joining Data in SQL

University of Helsinki: Building AI, Elements of AI

ALSO

Built a functional CPU from scratch in Logisim Evolution, with a hand written Assembly instruction set.

EXPERIENCE, EARLIER

Fullstack Developer

Jan 2023 – Nov 2023

PRECISMO · Prague · Hybrid

- Built an internal customer portal inside a Scrum team of **6 developers and 1 product manager**, working on React at the front and Node.js services behind it.
- Added **Playwright end-to-end tests** to the release path to catch regressions before they shipped.

Frontend Developer

Oct 2022 – Jul 2023

HAXAGON · Prague · Remote · part-time

- Built the frontend of a **cybersecurity e-learning platform** in Vue and TypeScript alongside a dedicated designer, and introduced code quality and release processes the team kept using.

LEADERSHIP & MENTORING

Lead Backend Engineer & DevOps Architect

Oct 2025 – Feb 2026

Diář FISáka · Prague University of Economics and Business

- Led a **team of 4 developers**. Set the Agile workflow, branching strategy and code review standards, and wrote the technical documentation the team worked from.
- **Mentored** the team on TypeScript, Docker and architectural patterns.
- Designed the containerized infrastructure on Hetzner (Docker, Traefik, Cloudflare) and the Node.js REST API with **BullMQ and Redis** background workers.

Lecturer & Organizer, Summer School

2022 – 2026 · 4 editions

Smíchovská SPŠ · Prague · On-site

- Solo-taught an introductory 2D graphics course to **50 students** per edition. Wrote the curriculum, designed the final projects and reviewed every submission.
- **Top-rated lecturer in student feedback in every edition.**

OWN PRODUCT

Kreditožrouti

Course scheduler for VŠE students · creator and sole maintainer · 2025 – Present

- Scrapes public InSIS course data and puts better search and scheduling on top of it than the university system offers, so a student can fill a gap in their timetable in seconds.
- Started as a hackathon prototype with two teammates. When the course that hosted it ended I carried it alone to a **finished product in production**, with monitoring, alerting and automatic deployments. **Around 350 students have used it**, several every day.
- The InSIS work led directly to my bachelor thesis: an MCP server over the same data, hosted on university servers under an official domain.

HOW I WORK

- Ask three sharp questions up front, not after week three.
- Infrastructure is part of the job: if I build it, I deploy it and document it.