

## PROFILE

I've been a software engineer, a team lead, and in roles somewhere in between. I tend to gravitate toward problems that don't fit neatly into a box, picking up whatever tools are needed along the way.

Most of my recent work has been in TypeScript (~5+ years), with earlier experience in Python (~6-7 years) and Rust for personal projects. I enjoy learning as I go if something unfamiliar comes up. I've also been using and administrating Linux machines for over a decade and manage a community VPS in my free time.

## WORK EXPERIENCE

### Complex Earth - Frontend Engineer & Consultant

2020 - Ongoing

Led the front-end development of the Food Forest Generator. Since then, continuing as a collaborator, contributing to backend development, deployment setup, and technical decision-making. Worked closely with the founder on product direction and overall architecture.

### IP Fabric - Team Lead

February 2025 - December 2025

Led a team of 6 engineers on a company-wide migration from ArangoDB to PostgreSQL, one of the organization's top engineering priorities. Having worked on the same project as an engineer, I later took over coordination and seeing the project through to completion. The role sat between technical concerns (mainly keeping track of the impacts and interdependencies of ongoing changes) and team dynamics, facilitating communication, and helping structure planning.

### IP Fabric - Senior Backend Engineer

August 2023 - February 2025

Contributed on the team migrating a complex monolithic system from a schemaless graph/object store to PostgreSQL. The work involved adapting the legacy codebase to a new storage backend, while making sense of loosely structured existing data and ensuring behavior remained fully consistent from a user perspective, backed by an extensive bespoke QA system.

### Superface - Customer Success Engineer

April 2022 - July 2023

Built customer integrations, designed and ran product demos, worked with customers acting as a link between users and the engineering team, and also handled some general startup work where needed.

### University of Chemistry and Technology Prague - Full-Stack Engineer

December 2017 - March 2022

Led development of the EMIL application (Python, Flask / Vue.js), a modern interface for the university's student information system. Built and deployed multiple Django-based tools to streamline internal processes, and handled CI/CD pipelines including mobile app deployment.

### URC Systems - Junior Java Developer

2016 - 2017

Worked on backend and desktop components of a real-time GIS system.

### Institute of Physiology at the Czech Academy of Sciences - Software Engineer

2014 - 2017

Built and maintained a C++ computer vision system and Python tooling for experimental data analysis.

## EDUCATION AND TRAINING

### Bachelor of Arts in Psychology - University of New York in Prague

2015 - 2022

### Red Hat Certified System Administrator (RHCSA)

July 2020

## SKILLS

- TypeScript, Python, Rust
- PostgreSQL, ArangoDB
- Linux Administration, CI/CD
- Vue, Svelte
- RabbitMQ, Docker
- Public Speaking