

WORK EXPERIENCE

Cognivibe, Remote CTO

May 2025 – Present

- Leading development of a cross-platform “AI fitness tracker for the mind” that measures users’ mental effort in real time. Built with Tauri, React and Rust
- Implemented an AI-based cognitive-load estimation algorithm based on existing cognitive research

ReKrabice, Brno + Prague, Czechia Founder and CTO

Aug 2022 – Mar 2025

- Built and launched Czechia’s first reusable e-commerce packaging system
- Saved over 2,222 single-use cardboard boxes by implementing our reusable box solution
- Led the development of internal tracking software and an integration for the Shoptet platform
- Secured successful partnerships with major brands such T-Mobile CZ and Balíkovna
- Pitched the startup at startup events in front of investors and public, earned several awards

Spectoda, Remote, Czechia

Dec 2021 – Sep 2022

Web App Developer

- Shipped new features for a web app to control smart RGB lights using React.js, Typescript, Next.js
- Gained experience in agile methodology and teamwork

EDUCATION

Exchange Semester

WS 2026

University of Michigan

- Highlighted courses: *Agent-Based Modeling, Computational Modeling of Complex Systems, Machine Learning for Investing, Business Strategy, Advanced Business Presentations*

Bachelor’s Degree in Economics

2024 – 2027

Prague University of Economics and Business

- Relevant courses: *Academic Writing and Defending, Statistics, History of Economic Thought, Mathematics (A, B), Intermediate Microeconomics, Econometrics*

Maturita

2017 – 2024

Gymnázium Brno, třída Kapitána Jaroše

- Highlighted courses: *Economics, Finance, Computer Science, Acting*

Summer School

2023

Bocconi University

- Courses: *Economics, Finance*

VOLUNTEERING EXPERIENCE

Startit @ČSOB, Czechia

Sep 2023 – Present

Startup mentor

- Provided mentorship to aspiring startup founders, advising them through ideation, validation and pitching

HackJakBrno Healthcare Hackathon

Dec 2025

Leader of team Preventee

- Built Preventee, an AI-assisted preventive screening recommender and scheduling optimizer at the healthcare hackathon, reducing information gaps and improving patient-hospital coordination

RESEARCH & WRITING EXPERIENCE

Comparative Analysis of Incorporation Procedures in Czechia vs. the USA

2025

Prague University of Economics and Business

- Semestral peer-reviewed paper, conducted a structured comparison of Czech vs California LLC incorporation on several criteria and delivered policy recommendations to streamline the Czech process

Is Bitcoin better than FIAT?

2023

- Wrote my first academic paper (in high school) comparing Bitcoin vs. fiat currencies as a store of value and transactional medium; awarded 2nd place in the Dean's Award competition (Prague Uni. of Econ)

Personal Digital Garden

Present

- Maintain a curated public collection of notes and short write-ups on programming, startups, economics, business, and personal development.

AWARDS

- **TOP25** Czech High-Schooler of the Year 2024
- **Winner** of Startup Validation Contest 2023
- **13th Place**, National Round of Economics Olympiad 2024
- **2nd Place**, Dean's Award for the Best High-School Thesis in Economics (Prague Uni. of Econ.) 2023
- **2nd Place**, Economics Seminar for High-School Students (Masaryk University) 2023
- **3rd Place**, High School Business Challenge 2023
- **2nd Place**, Economics Seminar for High-School Students (Masaryk University) 2022

CERTIFICATIONS

- Business Valuation Masterclass (PFI) 2025
- Investing Academy for Founders (JIC) 2023
- Start It Accelerator Alumnus (Start It @ČSOB) 2023
- Elements of AI: Introduction to AI 2023
- Circular Economy Academy (Up2Circ) 2023
- How to write a high-school thesis (SOČ) 2023
- Design Thinking (Google) 2022