



# Vojtech Kotrba

*Senior Software Engineer*

**Location:** [Prague, Czech Republic](#)

**Email:** [hello@vojtechkotrba.com](mailto:hello@vojtechkotrba.com)

**Web:** [vojtechkotrba.com](http://vojtechkotrba.com)

## Professional Summary

---

A fullstack engineer with 10+ years of experience passionate about crafting clean, scalable, and intuitive interfaces using TypeScript, React, Next.js, and modern web technologies. Co-founder and Head of Technology with proven track record of delivering 100+ websites and applications throughout my career.

Experienced in leading engineering team and architecting solutions that balance speed with quality. Focused on modern development practices with hands-on experience across the full stack from design systems to deployment.

## Work Experience

---

### Co-founder & Head of Technology 2024 - present [Yuurta](#)

- Co-founded Yuurta, a multi-tenant CMS and CRM platform for real estate brokers and agencies.
- Architected and developed the entire technical foundation — including frontend, backend, infrastructure, and deployment pipelines.
- Built a single Next.js-based application powering multiple customer websites through smart domain routing and tenant isolation.
- Designed and implemented an internal design system for consistent UI/UX and rapid feature delivery.
- Integrated advanced lead management, CRM, and automation features tailored for real estate operations.
- Established best practices for scalability, security, and maintainability, and led other developers in feature development and code quality.
- Continually drive architectural and product decisions, ensuring alignment between technology and business goals.

---

### Senior Software Engineer 2021 - present [Crowdsy](#)

- Lead and own the entire frontend of a large-scale React + Next.js platform in the market research industry.
- Define architecture, implement complex features, and ensure code quality through reviews and mentorship.
- Collaborate closely with backend, design, and product teams; directly engage with customers to shape the UX and roadmap.
- Drive best practices in performance, maintainability, and scalability across the frontend stack.

## Technologies

---

### Frontend

- Typescript
- React
- Next.js
- Redux
- Tailwind CSS
- Playwright
- Jest / Testing Library

### Backend

- Node.js / Express
- Sequelize/PostgreSQL
- Prisma/MySQL
- Mongoose/MongoDB
- Redis

## Skills

---

- Strong understanding of UI/UX
- Building & maintaining of design systems
- Writing clean code
- API integration skills (Rest, GraphQL)
- Responsive design
- Accessible patterns

## Engineering Manager

2020 - 2021

[Avocode](#)

- Managed a team of 8 frontend developers, overseeing delivery, performance, and technical direction.
- Designed and implemented a unified design system (tokens, components) to enhance UI consistency and scalability.
- Conducted code reviews, introduced process improvements, and mentored developers.
- Contributed to product strategy and frontend architecture during and after company acquisition.

---

## Frontend Developer & Team Lead

2016 - 2020

[Avocode](#)

- Built and maintained the marketing development platform using React, Next.js, and TypeScript.
- Developed internal microservices (Node.js, Express) to improve efficiency and automation.
- Implemented end-to-end testing and analytics tracking for higher reliability and insight-driven development.
- Collaborated with design and product teams to deliver polished, user-friendly solutions.

---

## Frontend Web Developer

2015 - 2016

[Brandz Friendz](#)

- Developed responsive microsites, e-shops, and email templates for international clients (Tesco, CinemaCity, Lancôme, O2).
- Used modern tooling (Gulp, LESS/SASS, Pug) to streamline workflows and improve delivery speed.
- Worked on dynamic UI projects with JavaScript (jQuery) and PHP (Nette/Latte).

---

## Web Designer

2014 - 2015

[LightCode](#)

- Designed and implemented responsive websites from Photoshop mockups using HTML and CSS.
- Built foundational experience in both design and development, shaping future frontend expertise.

---

## Education

### Bachelor's degree, Systems Engineering

2013 - 2017

[Czech University of Life Sciences Prague](#)

---

## Publications

Use of responsive web design in terms of impaired users

---

## Personal interests

- Sports: running, cycling, martial arts
- Cat lover
- Coffee & tea enthusiast
- Love to travel and explore new places
- Technology & learning