

Mgr. Tomáš Korec

Senior Software Engineer

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Bratislava, Slovakia

Senior full-stack engineer with 8+ years building production React/TypeScript applications, including internet banking and fintech platforms. Focused on measurable impact — performance, accessibility, and code quality at scale — with a track record of owning features end-to-end and communicating directly with non-technical stakeholders.

SKILLS

React TypeScript JavaScript Next.js HTML & CSS Tailwind / CSS-in-JS / SASS WCAG 2.1 Figma Chart.js
Vite Webpack Sentry Datadog Cypress Jest Playwright Node.js NestJS tRPC Prisma
Firebase Docker GCP Claude Code AI-assisted development Git Jira

EXPERIENCE

Senior React Developer · Creditas Digital Factory

10/2025 – 07/2026 · Prague (remote)

React, TypeScript, Tailwind CSS, Orval, React Query, Zustand, Storybook, Figma, Azure, Claude Code

- **Delivered production-ready** frontend functionality for an **internet banking application**, with a strong focus on **release quality and smooth deployments**.
- **Refactored under-owned parts** of a **100K+ line codebase** — component structure, shared utilities, naming conventions — **reducing defects by 56%**.
- **Improved perceived performance** across key banking flows by redesigning screens and introducing loading skeletons.
- **Strengthened WCAG 2.1 compliance** with ARIA labelling, keyboard navigation, focus management and colour-contrast fixes.

Senior Software Engineer · OAK'S LAB

10/2023 – 10/2025 · Prague (remote)

React, TypeScript, Next.js, Chart.js, Material UI, Tailwind CSS, Node.js, tRPC, Prisma, GCP, Firebase, Datadog, Salesforce

- **Took end-to-end ownership** of core features in **Nasdaq Private Market**, partnering with stakeholders and an international team.
- **Optimized a highly customized financial dashboard**, reducing average loading time by **66%**.
- **Presented progress to high-level non-technical stakeholders** after every sprint, ensuring alignment and trust.
- **Integrated Datadog and Salesforce** for production observability and customer-facing business workflows.
- **Mentored 3 junior developers** and **delivered a new application MVP** from architecture to deployment.

Software Engineer · Datamole

10/2020 – 09/2023 · Prague

React, TypeScript, Chart.js, NestJS, WebSockets, Jest, Cypress

- **Took ownership** of a web application controlling a **custom laboratory device** — running, scheduling and monitoring experiments in real time.
- **Optimized front-end architecture** to process and **visualize large datasets in real time** (1,000+ data points per second).
- Ensured **seamless integration** of the web UI with the hardware device, working closely with hardware and backend teams.

React Developer · IPEX a.s.

01/2019 – 04/2020 · Brno

React, TypeScript, Redux, Electron, Cypress, GraphQL

- **Led a small frontend team** developing a **B2B portal** for managing communication services, billing and customer support.
- **Redesigned the frontend architecture** with scalable, maintainable React patterns and standards.
- **Introduced automated Cypress tests**, reducing bugs reaching production.

Junior Full-stack Developer · Simplity

09/2018 – 12/2018 · Brno

Developed a plugin management portal for **ERSTE Group** using React with Java.

Junior Java Developer · IBA CZ

06/2016 – 04/2017 · Brno

Development of Java portlets for Liferay portal applications.

EDUCATION

Master's degree, Applied Informatics

Masaryk University, Faculty of Informatics

2017 – 2020 · Brno, Czech Republic · Graduated with honours (Red Diploma)

Erasmus exchange, Computer Science

University of Porto, Faculty of Engineering

2018 · Porto, Portugal · Master's programme

LANGUAGES

Slovak

Native (C2)

English

Professional (C1)

Case studies and more at korec.dev