Romanov Aleksey | Frontend Developer

Portfolio: name-romanov.com

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Professional Profile

I am an experienced developer seeking mainly **full-time position** with **long-term cooperation**. I possess a **maturita**, which grants me **free access to the Czech labour market**. I am proficient in working with **Czech-speaking** or **English-speaking** teams.

My main specialization is frontend development, but I also have experience with backend. I help clients to bring their ideas to life by working on web, mobile, or desktop applications. My experience allows me to **create applications from scratch** or **improve existing projects**.

For a more in-depth look at skills and projects, please visit my **Personal Portfolio Website** or **GitHub**.

Core Skills

- Typescript
- React
- Tailwind
- shadcn/ui
- Next.js
- Vite
- TanStack
- Zod
- HTML
- Biome
- Framer Motion

Other Skills

Solid, JavaScript, **React Native**, Electron, **Redux** / RTK / Redux Saga, CSS / SCSS, **Styled Components**, Bootstrap, **REST / GraphQL,** Webpack, Zustand, ESLint, Prettier, Figma, Jest / Cypress, **Git / GitLab**, Convex, Clerk, Liveblocks, Redis, **PostgreSQL**, PL/pgSQL, OracleDB, PL/SQL, **Golang**, Docker, CI/CD, SonarQube, OpenStack, OpenShift, **Trello** and more.

Career Summary

Freelance — Frontend Developer
Mar 2024 - Present

I have worked on various frontend projects, helping clients build web applications from scratch using React and Solid. I have also contributed to existing projects, ranging from simple landing pages to large-scale applications, where I developed key logic. My tasks included UI/UX improvements, code refactoring, and creating custom utility libraries.

Project Experience:

- **Pirated Content Detection and Removal System**
  Worked as a frontend developer on a project aimed at detecting and removing illegally shared copyrighted content. Used Solid and TypeScript to redesign the UI, refactor old code, and implement new features.
- **Application Monitoring Software**
  Developed the frontend using Solid and TypeScript. The main task was to build custom DevTools for capturing snapshots of user errors. Additionally, I worked on code refactoring, adding new features, and creating internal utility libraries for Solid. Implemented tools similar to Elements, Console, Sources, and Network in DevTools.
- **Internal Application for Kingstire LLC**
  Built the frontend using React and TypeScript. Responsible for initial project planning, client communication throughout development, and implementing key features. The application included a calendar system for scheduling and warehouse monitoring for the company.

- **Security Testing and Vulnerability Research**
  Conducted security testing and vulnerability assessments. Discovered a critical vulnerability in FaceUp (Whistleblowing System for Companies & Schools) that was directly tied to the company's revenue. The issue allowed users to access the platform for free, even at the Enterprise level, which was valued at over $100,000 per year.

ЕрмакДом — Fullstack Developer
May 2023 - Mar 2024

The "ErmakDom" application was created with the goal of digitizing the operations of a construction company. In the application, employees have specific roles and functions such as Project Manager, Technical Supervisor, Finance, or Supply. This application allows the company to store the history of past and current construction projects, control the construction process, view progress, manage employees, and more.

Initially, I thought through the entire application logic based on the client's requirements. Then, I designed the application architecture and developed frontend and backend from scratch. On the frontend, I used React Native and TypeScript. On the backend, I used Go, PostgreSQL, and Redis.

Professional development
Sep 2022 - May 2023

I took a break for studies at CTU FIT, where I learned fundamentals such as C, C++, Assembler, computer logic, advanced data structures, efficient data handling and the architecture of computers. Later, I delved into DevOps and different databases.

Verdeco — Frontend Developer
Apr 2021 - Oct 2022

Initially, I accumulated experience within the team by completing simple tasks such as adding new components and fixing bugs. Subsequently, I progressed as a frontend developer to handling more challenging assignments, including the creation of crucial components with key logic, refactoring legacy code, optimizing the application, engaging in code reviews, and occasionally participating in technical interviews.

The project had a primary focus on logistics, accounting, and finance.

Projects

Collaborative Whiteboard

Collaborative Whiteboard is built with React, Next.js, and TypeScript. There users can create organizations, invite members to them, create whiteboards, and collaborate in real time with other members.

GitHub link: github.com/procellis33/collaboration-whiteboard
Project showcase: https://youtu.be/43_2mJxDjWY

Calendar App

Calendar app is built with React, Vite, and TypeScript. It's a tool for managing schedules and events. Reminders, notifications, and the ability to share plans with others. Compatible with Google Calendar.

Project showcase: https://youtu.be/8XOdtP_wgYQ

Education

- ➢ **Faculty of Information Technology CTU,** Prague — Bachelor degree (Sep 2022 - Present)
- ➢ **1. Slavic Gymnasium,** Prague — Maturita (Sep 2018 - Jun 2022)