




HANS TOUSSAINT

Front-end developer

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Skills

• JavaScript | TypeScript | React.js | Next.js | Redux | Node | Express | MongoDB | MySQL | Firebase | Supabase | Django | Git | GitHub | HTML | Material UI | Styled-components | Tailwind CSS | Sass | CSS | Figma | Jest | React Testing Library | Cypress

Experience

Grenier | Quebec, Canada (Remote) Front-end developer

10/2024 - Present

- Developed an internal enterprise wallet system for multiple users, enabling secure money deposits and withdrawals with specified time intervals using **React**, **Typescript**, used by over 500 employees
- Designed and developed a dashboard to visualize financial data and customer insights using interactive graphs, facilitating better decision-making
- Used code-splitting and lazy loading in React, decreasing initial load time by 40%
- Wrote comprehensive test suites using **Jest**, **React Testing Library**, and **Cypress** for end-to-end flows.

Readers | Freelance (Russia) Full stack developer

04/2023 - 07/2024

- Led the full-stack development of a web platform, **Readers**, offering free access to millions of online books for students
- Built the front-end using **React**, **TypeScript**, and **Styled-components**
- Designed and implemented a backend with **Node.js** and **Express**, including routes for search, recommendations, and admin content control
- Worked in iterative cycles, adding features based on user testing and feedback.

Alpha Ecosystem | Moscow, Russia Front-end developer

09/2022 - 01/2023

- Participated in the development of a browser-based mapping application using **Leaflet** to display routes for buses, taxis, and walking paths
- Built reusable UI components using **React**, **TypeScript**, and **SCSS**
- Used **React Context API** to manage application state across components
- Collaborated with backend teams to integrate **RESTful APIs** for real-time map data and route calculations
- Ensured responsive design across different devices and browsers.

Projects

- **Sorting visualization algorithms:** Developed an application to visualize [sorting algorithms](#), including Bubble sort, Selection sort, Insertion sort, Quick sort, Merge sort, Heap sort using vanilla **javascript**.
- **Veterinary Ambulance Backend:** Built a full backend using Django and MySQL to manage appointments, vaccinations, pets, and owners. RESTful API documented in Postman.

Formation

Meta Front-End Developer Professional Certificate

Coursera | Meta

Bachelor's degree

Mendeleiev university - Moscow, Russia

Langues

- French, Russian, English