



# Vitaly Permyakov

## frontend developer

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### About

Frontend React developer with over four years of experience in building modern web applications. Started career as a freelancer, focusing on landing page layouts and WordPress, then discovered React in 2021 and dove deep into its ecosystem. Constantly follow new trends and updates in the React world, aiming to master new technologies and approaches. Approach tasks thoroughly and meticulously, paying attention to details. Comfortable working independently or in a team, with a preference for collaborative work. Experienced in mentoring and training junior developers. Focused on creating high-quality, scalable solutions with an emphasis on user experience.

### Experience

#### Frontend developer

Digital Humanities Lab, SibFU - January 2022 - present time

Front-end, Full-stack web application development.

##### >Field monitoring system

- > Developed a web application with role-based authorization and a custom map visualizing mining data.
- > Rewrote the vector graphics rendering module from **Redux** to **Zustand** to improve code readability.
- > Implemented change history tracking for administrators.
- > Implemented user permission changes based on an admin-specified expiration period.

##### >Website of the Russian Archaeological Congress

- > Designed a website with role-based authorization and a custom admin panel.
- > Implemented multi-stage authorization and user-friendly file upload functionality.
- > Developed features for administrators: data export, user request status management, and an email campaign builder.

##### >Point of the Past – 3D overview of archaeological finds

- > Created an interactive website with **3D** visualization using **Three.js**, adapted for various devices.
- > Implemented a full **3D** scene and an optimized version with automatic switching to a lightweight mode when **FPS** drops, as well as a simplified mode for mobile devices, ensuring a smooth user experience.

##### >Website of the SibFU Humanitarian Institute

- > Developed a website on **Next.js** with **Strapi CMS**, featuring page customization through unique components.
- > Created a **Rich Text Editor**, academic and event calendars, providing administrators with intuitive content management.
- > With the new version of the website, the number of visits doubled.

##### >Sibiriana – Cultural Heritage Aggregator

- > Developed two web applications (client and admin panel).
- > Set up a **Turborepo** monorepository with shared **ESLint**, **TypeScript**, and **UI** packages.
- > Migrated **Next.js** from **pages** to **app router**.
- > Created a set of **UI** components for use across applications in the monorepository.
- > Integrated **GraphQL API**, a custom auth server with **Keycloak**, and **S3 Minio** for object storage.

### Skills

HTML

CSS

JS JavaScript

TS TypeScript

React

Next JS

shadcn/ui

Chakra UI

Material UI

Tailwind CSS

SASS

Drizzle ORM

Prisma ORM

REST API

GraphQL

tRPC

WebSocket

TanStack

React Router

Zustand

Redux Toolkit

Jōtai Jotai

nuqs

Three.js

Spring

Motion

Docker

Jira

Kanban

Asana

Miro

### Education

>Siberian Federal University,  
Krasnoyarsk // 2025

Humanitarian Institute, Applied computer science  
(Master's degree)

>Siberian Federal University,  
Krasnoyarsk // 2022

Humanitarian Institute, Applied computer science  
(Bachelor's degree)