



Ihar Manakhau

Frontend Developer | React, TypeScript, JavaScript |
Building responsive and dynamic web apps

Personal info

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GitHub: github.com/mi8mto

Portfolio: <https://ihar-dev.vercel.app>

Frontend Developer with experience building Single Page Applications (SPA) using React and TypeScript, and backend services with Node.js and Express. Skilled in working with REST APIs, databases, and building responsive, component-based user interfaces. Focused on writing clean, maintainable code, optimizing performance, and delivering reliable solutions. Experienced in team-based development, code reviews, and Agile/Scrum practices. I deliver features to production and work with CI/CD and team processes.

Skills

Programming Languages & Markup: JavaScript (ES6+), TypeScript, HTML5, CSS3 (Flexbox, Grid), Markdown

Frameworks & Libraries: React, Next.js (App Router, Server Components, API Routes), Redux Toolkit, Node.js, Express.js, Tailwind CSS, Styled Components

State Management & Data Fetching: Redux Toolkit, React Query (TanStack Query), Axios, Fetch

Animations & Interactions: Framer Motion, GSAP

Tooling & Build Systems: Git, GitHub, Docker, Vite, Webpack, Babel, ESLint, Prettier, Chrome DevTools

APIs & Data Handling: REST API, WebSockets, Server-Sent Events (SSE), Axios, Fetch, JWT Authentication, MongoDB, PostgreSQL, Prisma, Mongoose

UI/UX & Interfaces: Figma, Pixel Perfect Layout, Atomic Design, Accessibility (a11y), Internationalization (i18n)

Methodologies & Architecture: Component-based Architecture, Feature-Sliced Design, SOLID Principles, Scrum

DevOps & Automation: CI/CD (GitHub Actions)

Professional Experience & Projects

2025-Present

Freelance Frontend Developer (Commercial Projects)

- Developing responsive web applications using React and TypeScript
- Building clean, reusable UI components with strong focus on UX and accessibility (a11y)
- Implementing mobile-first layouts using Tailwind CSS and SCSS
- Managing forms and validation with React Hook Form
- Integrating REST APIs and implementing JWT-based authentication
- Optimizing performance using best practices and Lighthouse insights
- Collaborating with clients to translate business requirements into user-friendly solutions
- Developing backend services with Node.js, Express.js, and MongoDB
- Containerizing applications using Docker

2025-Present

Web Development Mentor (Part-time) - HTML Academy

- Reviewing students' HTML/CSS assignments and providing detailed code reviews with recommendations for improving code quality
- Conducting two mentoring sessions per week: error analysis, Q&A, and practical layout workshops
- Improving overall quality of students' work by eliminating common mistakes and improving code style, reducing rework time by 30%

2025

Task Management Platform "NEXPO" (Pet Project)

A full-stack task and project management platform inspired by modern productivity tools (Kanban & Gantt). The project focuses on scalable architecture, clean UI/UX, and real-world workflows.

- Built a full-stack task and project management platform inspired by Kanban boards and Gantt charts
- Developed a responsive dashboard with advanced task management features
- Implemented drag & drop interactions using @dnd-kit
- Designed modern UI with Next.js, React, TypeScript, and Tailwind CSS
- Implemented authentication and authorization with NextAuth
- Built backend logic using Prisma ORM and PostgreSQL
- Added form validation and type safety using Zod
- Focused on reusable components, UX consistency, and dashboard usability
- Deployed and maintained the project on Vercel

2025	Frontend Developer (TechStore Project) - Result University
	<ul style="list-style-type: none"> Developed a Single Page Application (SPA) with user authentication and responsive layout Implemented form validation and state management using React, TypeScript, and Redux Integrated REST API for user registration and data management Worked with Webpack and Docker for project setup and deployment Collaborated in a Scrum team using GitHub workflow, code reviews, and Agile practices
2016-Present	Customs Officer / Data & Process Operations - National Customs Authority
	<ul style="list-style-type: none"> Processed and validated structured data in internal government systems Worked with electronic document management platforms and databases Ensured regulatory and technical compliance Analyzed documentation to identify errors and inconsistencies Maintained high accuracy in time-sensitive workflows

Education

2012-2014 | Magister's degree, Research engineer - National Aviation University

- Conducted advanced engineering research and worked with technical documentation
- Gained experience in analytics, project design, and mathematical modeling
- Developed strong structured problem-solving skills

2008-2012 | Bachelor's Degree, Aerospace and Rocket Engineering - National Aviation University

- Acquired fundamental engineering knowledge in mathematics, physics, and technical systems
- Completed multiple team academic projects and defended a final thesis

Courses & Additional Training

2025 | Frontend Developer (Middle) - Result University

- Developed a production-ready Single Page Application (SPA) with user authentication, form validation, and responsive design
- Tech stack: TypeScript, React, Redux, Webpack, Docker
- Implemented REST API integration, error handling, and user data protection
- Collaborated in a Scrum team: sprint planning, code reviews, GitHub-based workflow
- Focused on performance optimization and reusable components

2025 | Advanced Animations with CSS & JavaScript - HTML Academy

- Completed an advanced course on creating smooth, performant animations using CSS and JavaScript
- Worked with transitions, keyframes, transforms, and animation timing functions
- Built interactive UI animations and micro-interactions
- Focused on performance optimization and cross-browser compatibility

2024-2025 | Frontend Developer (Junior+/Middle) - The Rolling Scopes School

- Completed an intensive frontend development program with a team-based graduation project
- Gained strong knowledge of JavaScript fundamentals, semantic HTML, and responsive CSS
- Acquired hands-on experience with Git and GitHub: branching, pull requests, and code reviews
- Worked in an Agile environment, collaborating in a distributed team

Languages

English	B1 (Intermediate): reading technical documentation, written communication, team discussions
Russian	Native
Belarusian	Native
Ukrainian	Fluent (near-native proficiency)