

Vadym Brovych

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SUMMARY

Full Stack Developer with hands-on experience in delivering modern web solutions using React, Next.js, TypeScript, and Node.js. Passionate about intuitive design, clean code, and building products that solve real problems. Quick to adapt, easy to work with, and always focused on quality and usability. Outside of work, I enjoy climbing rock walls and playing volleyball. Always open to collaborating with great teams and tackling exciting challenges together.

PROJECTS

[Video](#)

EverStock - Cross-Platform Inventory Management App

A **mobile-first inventory management system** built to optimize inventory tracking and improve team collaboration for small-scale operations, warehouses, and logistics. It reduces overhead, boosts productivity, and ensures real-time stock updates.

- **Real-time product control** and **inventory updates** to prevent stockouts and ensure accurate inventory levels using **React Native** and **Expo**
- **Team collaboration** via role management and **secure authentication** with **Clerk**
- **Analytics dashboards** for quick decision-making and **CSV/JSON export** for integration with business tools powered by **Supabase**

Worked with: React Native, Expo, TypeScript, Supabase, Clerk, Zustand, TanStack Query

Eco Purchases - Extension for Banking App

[Erste Digital Hackathon 2024](#)

An **extension for a banking app** that promotes eco-conscious spending by analyzing the environmental impact of user purchases.

- **Provides users with insights** into the sustainability of their spending habits and visualizes the **carbon footprint** of transactions using **Pandas** for data processing
- **Secure authentication** with **OAuth2** and **JWT** for personalized financial data access, built with **FastAPI**
- **Front-end built with React** to ensure an intuitive, user-friendly experience and smooth data flow

Worked with: FastAPI, Python, PostgreSQL, Pandas, React, TypeScript

AI-Assisted Document Validation Platform

[T-Systems Hackathon 2024](#)

An **AI-powered tool** for document validation and autofilling, enhancing efficiency and ensuring compliance in business processes.

- **Uses OpenAI models** for document validation, with **Human-in-the-Loop (HITL)** for refining AI-generated suggestions
- Supports Human-in-the-Loop (HITL) for refining AI-generated suggestions
- Integrated **real-time feedback system** with front-end components for manual validation and user interaction

Worked with: Python, FastAPI, TypeScript, React, OpenAI

Personal Portfolio Website

[GitHub](#)

A **fully responsive**, animated portfolio site designed to showcase my projects, tech stack, and contact info in an engaging, modern layout. Focused on **smooth animations** with **Framer Motion** and an **interactive user experience**

- **Scroll-based layout** with a custom **liquid sidebar** and **hover effects** for a dynamic, engaging design
- Optimized for **mobile devices** and features a **dark theme** with a focus on UI/UX
- Deployed via **Vercel**, utilizing the **modern Next.js** framework for fast performance

Worked with: Next.js, Tailwind CSS, Framer Motion, Zustand

EDUCATION

Technical University of Košice – FEI

Sep 2022 - June 2025

Bachelor of Science in Computer Science

Lviv Polytechnic National University – Technical College

Sep 2020 – June 2022

Software Engineering

SKILLS

Frontend: React, React Native, Next.js, Tailwind CSS, Redux, Zustand, TanStack Query, Framer Motion, HTML5, CSS3, SASS, JavaScript, TypeScript

Backend: Node.js, Express.js, FastAPI

Databases: PostgreSQL, MySQL, SQLite, Supabase, Firebase

Other: Python, Java, Git, REST APIs, JSON, Docker, Vite, Figma, Vercel, Photoshop

Languages

English(B2)

Slovak(B2)

Ukrainian(C2)

Russian(C2)