

# Bohdan Zhytchenko

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## Summary

I am a trainee Frontend Engineer with a focus on React, TailwindCSS, and Framer Motion. I have developed several projects that showcase my technical and design skills. During my studies, I also gained some experience with Redux, Axios, TypeScript, MongoDB, and Node.js.

## Skills

JavaScript, HTML, CSS, React, TailwindCSS, Framer Motion

## Projects

### Createx

Createx is a website for a fictional construction company.

- Designed a responsive UI using TailwindCSS, integrated smooth animations with Framer Motion to enhance user experience, built reusable components for different pages
- Added contact forms using React Hook Form

### Furniro

Furniro is a modern e-commerce front-end application for a fictional furniture store.

- Implemented core e-commerce functionality: cart management, product comparison, search, filtering, etc.
- Used Redux Toolkit for state management and TypeScript for type safety, styled the UI using TailwindCSS

## Coursework 2025

A web application offering tools to solve the optimal cargo placement problem on a platform.

- Enabled multiple data input methods: manual entry, random generation, and JSON upload
- Conducted experiments to evaluate algorithm performance based on various parameters
- Visualized results using Recharts, provided functionality to export results in JSON format

## Portfolio

Personal portfolio website showcasing all completed projects.

- Designed an engaging UI with TailwindCSS and Framer Motion, made reusable components

## Languages

Ukrainian: Native, English: B2, German: B1

## Education

### **National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute"**

Bachelor's in Information Systems and Technologies (4th year)

Sep 2022 – Present

### **Polonne Gymnasium**

Completed Secondary Education with Honors

Sep 2010 – Jun 2022