Ivan Havryliak

Front-end web developer

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📍 Lublin, Poland   🌐 Portfolio Website

Skills

Technical Skills:
HTML, CSS (Flexbox, Grid, Responsive Design, SASS/SCSS, BEM methodology), JavaScript (ES6, DOM), React, Git, Vite, Gulp, Figma, DRY, KISS

Soft Skills:
Problem-solving, attention to detail, self-learning, adaptability, teamwork, effective communication

Profiles

🐙 Github
https://github.com/IvanHavryliak02

in LinkedIn
https://www.linkedin.com/in/ivan-havryliak-202863319/

📦 CodeWars
https://www.codewars.com/users/IvanHavryliak

Languages

Ukrainian
Native

Polish
B2

English
B1

Summary

Engineering-driven Front-end Developer with a solid technical foundation in Computer and Electrical Engineering. Transitioned into Web Development in mid-2024 alongside university studies, mastering HTML/CSS and JavaScript (ES6+). Currently expanding my stack with React and Redux through intensive self-study and specialized courses. Beyond web technologies, I possess a background in lower-level programming (C/C++), systems administration (Linux/Windows), and CAD engineering (AutoCAD/Inventor). I maintain a strong algorithmic foundation (5 kyu on CodeWars) and prioritize building high-logic, custom solutions from scratch - such as proprietary JS frameworks and trigonometric UI modules. My approach combines rigorous engineering discipline with modern web development to create scalable, architecturally sound applications.

Education

Khmelnytskyi Polytechnic Professional College of Lviv Polytechnic National University   Full-time
Computer Science   September 2017 - June 2021

During my studies at college, I gained experience with Linux and Windows operating systems, learned the basics of programming in Pascal, Delphi, and C++, studied computer networks using Cisco Packet Tracer, and learned the fundamentals of computer architecture and operation.

Lublin University Of Technology   Full-time
Electrical Engineering   October 2021 - February 2026

Applied engineering principles across software and hardware development, including C programming for console applications and Arduino microcontrollers. Gained extensive experience in technical design using AutoCAD, Autodesk Inventor, and DIALux for 3D modeling, electrical wiring, and professional lighting systems. Proficient in circuit simulation and testing via Proteus and xSpider, including PID controller tuning and the development of comprehensive technical documentation. Conducted rigorous laboratory testing of electrical circuits to ensure high standards of safety and functionality. Graduated with the highest honors (GPA 5.0/A)..

Projects

WeatherApp
A high-performance Single Page Application powered by dual-integrated APIs, built on a proprietary component-based framework developed from scratch. The architecture utilizes ES6 classes to encapsulate logic, methods, and DOM-linked properties, mimicking early React patterns to eliminate multi-file switching. I engineered a custom CSS-in-JS style parser and a dynamic JavaScript-driven rendering system, significantly streamlining the development workflow. This project serves as a showcase of advanced asynchronous JavaScript, complex API integration, and deep structural understanding of framework mechanics and data visualization.
Link to Project

Circular Selector JavaScript module
Inspired by the Autodesk Inventor interface, I engineered a highly flexible circular selector from scratch using advanced trigonometry. Developed as a reusable ES6 module, it features a fully customizable architecture, allowing seamless implementation into any web project. This component serves as a primary interactive element on my portfolio site, demonstrating my ability to translate complex mathematical concepts into functional UI tools.
Module manual

Encrypto
A custom encryption tool implementing an enhanced Caesar cipher. The application features automated key detection and allows users to define custom character sets (uppercase, lowercase, digits, and symbols) for encryption. Designed and developed entirely from scratch, it includes an intuitive user manual. Fully responsive design
Link to project

Coffee Shop
Strengthened core React proficiency through practical application of functional components, state management, and props. Gained hands-on experience in lifting state up, event delegation, and component lifecycle patterns to build modular and efficient user interfaces.
Link to Project

TeaPass
A responsive web design project featuring custom, non-trivial sliders. Focused on cross-device compatibility and advanced CSS layouts to deliver a seamless UI/UX.
Link to project

Pulse
Focused on UI component integration and third-party services, including dynamic tabs, Slick-slider, and Google Maps. I integrated NodeMailer for automated email notifications and developed custom CSS animations for interactive forms to improve user engagement.
Link to Project