ELENA TROPANETS

Software Engineer

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LinkedIn | GitHub

PROFILE

Software Engineer with three years of experience in front-end development and a growing expertise in back-end engineering. Proficient in responsive CSS, semantic HTML, JavaScript, TypeScript, and a variety of modern tools as VueJs, React, Next.js, CI/CD pipelines. I also have experience with Node.js, databases, RESTful APIs, Jest.

TECHNICAL SKILLS

Front-end: JavaScript | Typescript | HTML5 | CSS3 | SCSS | BEM | Tailwind | React | React Native | VueJS | ThreeJS | Vite | Lighthouse | REGEX | Accessibility Standards | User experience and user interface (UI/UX)

Back-end: NodeJS | SQL | PostgreSQL (PSQL) | Express | RESTful APIs | Netlify | Vercel | Postman | Insomnia

Testing: Jest | Supertest | Test Driven Development (TDD) | Manual Testing | BrowserStack

Development Practices: Continuous integration and continuous deployment pipelines (CI/CD) | Agile | SCRUM

Tools & Collaboration: Git | GitLab | GitHub | YouTrack | Trello | Figma | Paired Programming

PROJECTS

Front-end Projects
Todo list application built with Vite, React, and TypeScript
Hosted Version | **GitHub**

All Movies application allows users to browse popular movies, built with Vue.js, Vite, Axios, TypeScript, Tailwind
Hosted Version | **GitHub**

Application with a list of Star Wars heroes, detailed information about spaceships and movies associated with each hero in the form of a graph. Built with Next.js, React Flow, Tailwind, TypeScript, Axios
Hosted Version | **GitHub**

WebGL project built with Three.js
Hosted Version | **GitHub**

PROFESSIONAL EXPERIENCE

Front-End Engineer – *Spectrum.Life, Manchester*   Aug 2024 - now

- Developed a fully functional website using Vue.js and TypeScript, ensuring high performance and user-friendly design
- Implemented seamless page navigation, error handling; integrated API fetch requests using Axios
- Worked on mobile application using React Native, testing functionality with Xcode and Android development tools
- Implemented designs from Figma into responsive styles using SASS for web applications and styled components for mobile applications in React Native
- Actively participated in client meetings to confirm requirements and provide accurate content delivery timelines

- Collaborated closely with product managers, designers, QA testers, and backend developers to create optimal solutions and ensure a user-friendly interface

Junior Software Developer – *Northcoders, Manchester* Jan 2024 - May 2024

- Wrote tests following TDD to ensure bug-free code
- Developed and launched a backend service with PostgreSQL, managing RESTful API requests
- Implemented and maintained a CI/CD pipeline to automate the software delivery process
- Gained hands-on experience by creating a team project with backend and frontend built from scratch
- Contributed to a positive learning atmosphere by helping peers grasp complex topics and new concepts

Junior Front-End Engineer – *SKELAR (Genesis ecosystem), Kyiv, Ukraine* Oct 2022 - Dec 2023

- Developed over 50 mobile-responsive landing pages leveraging proficiency in semantic HTML, SCSS, VueJS, enhanced with TypeScript for scalability and maintainability
- Achieved consistent user experiences across various browsers and devices through manual testing with BrowserStack
- Managed version control via Git and GitLab, participating in over 100 code reviews to ensure code quality and receive mentoring from senior developers
- Contributed to retrospective discussions with developers and designers, enhancing cross-team collaboration by proposing enhancements for tool utilisation in Figma

Junior Front-End Developer – *A-Level, Kyiv, Ukraine* Jan 2022 - Aug 2022

- Gained proficiency in web development fundamentals, including HTML structure, CSS styling, and JavaScript programming
- Mastered responsive design techniques and CSS animations, creating visually appealing and interactive web pages
- Developed a keen understanding of JavaScript fundamentals, including data types and functional programming

EDUCATION

Taras Shevchenko National University of Kyiv, Ukraine

Bachelor of International Economics Sep 2017 - Jun 2022

- Specialised in International Trade Theory, Macroeconomic Policy, Econometrics
- Completed a thesis on "The Economic Effects of Ukraine's Integration into the European Union," focusing on assessing the potential economic impacts of deeper integration between Ukraine and the EU
- Developed skills in economic analysis, data interpretation, critical thinking, problem-solving

LANGUAGES

- **Ukrainian:** Native
- **English:** Fluent
- **Chinese:** Beginner