

Yuliia (Julie) Dobrova | Software Engineer | Front End Developer

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Highlights:

- Software engineer with over 5 years of experience in designing and developing high-quality, scalable, and user-friendly projects.
- Team developer on ground-breaking projects, including completing an international social media platform.
- Technical background in Civil Design Engineering holding a Master's degree, offering over 10 years of both executive and management positions, leading and mentoring junior team members and driving projects from concept to delivery.

Technical Skills:

Languages: JavaScript (ES6), TypeScript, Python

Front End: HTML, CSS, React, React-Hook-Form, React Query, Redux, Redux Toolkit, SASS/SCSS, WebSocket, Material UI, Bootstrap, jQuery, Styled Components, Axios

Back End: Node.js, Express.js, RESTful API, MongoDB, NoSQL, SQL

Developer Tools: GIT, GitHub, Postman, Swagger, Webpack, Vite, NPM, Yarn, Jest, React Testing Library, VSCode

Management Software: Click-Up, Jira, Figma, Slack, Discord, Zoom, MeetUp, Microsoft Office

Professional Experience:

Software Engineer | Front End Developer at Research and production enterprise "RADIOPROM" LLC Apr 2023 - Present
Implementation of the Digital platform for aerospace and aviation equipment database:

- Designed and implemented an innovative user-friendly web application for managing client product databases, resulting in a significant 20% increase in sales within 6 months.
- Implemented advanced front-end SEO best practices, optimized the application's architecture, configuration, and codebase, which successfully reduced the front-end application size by 35% leading to substantially enhanced performance and decreased web application load time.
- Architected and implemented CI/CD pipelines, designed and maintained RESTful APIs, and conducted comprehensive code reviews to ensure adherence to design patterns and best practices.

Tech stack: React, TypeScript, Jest, Testing Library, Node.js, Express.js, MongoDB, Git, Github, Canva

Software Engineer | Front End Developer at WEB TECH COMPANY "TENSIONX" ("SAAS INSIDERS") Feb 2022 - Mar 2023
Successful Development and Release of the First International Social Media Platform for Older Women:

- Worked closely with product manager and stakeholders to better understand requirements, translating them into technical specifications; provided engineering insights, and managed task creation and their in-time completion.
- Contributed to collaborative Git practices with a team of 7 developers and successfully delivered an international social media platform for older women within a 3-month deadline.
- Developed authorization forms, managed backend data exchange, and implemented real-time comment display using WebSocket technology, leading to a significant decrease in data processing time.
- Integrated text translation for the entire application and enhanced overall user experience, resulting in a 50% increase in international user engagement.

Tech stack: TypeScript, React-Router-Dom, React-Hook-Form, Redux Toolkit, REST API, Axios, Next.js, Postman, Swagger, Git, Github, Figma, ClickUp, Slack, WebSocket, Copilot, NPM, MaterialUI

Creation of New School Management Software for both Educational Personnel and Parents:

- Refactored front-end part, improved logic, increased performance, and prepared code base for growth. Added React fundamentals best practice to promote better component lifecycle and storage.
- Led implementation of Analytics module using charting libraries such as Chart.js, effectively presenting complex data in a clear and understandable way, resulting in enhanced user engagement.
- Improved user experience and system efficiency in an existing School Management System application, digitizing all paperwork related to student marks and success, and introducing specialized analytics interfaces for both parents and teachers, resulting in an 80% increase in the accessibility of student performance data.
- Collaborated with cross-functional teams to deliver UX design improvements and UI/UX solutions, applying computer science principles to solve complex analytical challenges.

Tech stack: HTML, CSS, SCSS, JavaScript, React, React-Router, REST API, Axios, Node.js, Postman, Github, Figma, ClickUp, Slack

Software Engineer | Front End Developer at Dental Center Of Dr. Krolyk Oct 2021 - Jan 2022
Design and Development from scratch of the Web Application in Health Care (Dentistry):

- Participated in research tasks and worked closely with the product owner to design and plan features in alignment with business goals.
- Developed a fully interactive, multilingual website with geolocation features and device adaptability.
- Completed the project within 2 months and successfully deployed it to hosting, leading to a 25% increase of the client's emails and appointments.

- Implemented efficient solutions to complex problems using JavaScript (React/Next.js) by applying principles of Computer Science, optimizing performance, and enhancing system functionality.

Tech stack: React, JavaScript, Styled-components, GitHub, Vercel, EmailJS, i18next, slick-carousel, react-router, Web Hosting

Full-Stack Developer, at "GoIT - INTERNATIONAL ED-TECH COMPANY"

Mar 2021 - Oct 2021

Development of a Multilingual Child Habit Tracker App for Parents to Monitor and Encourage Children's Useful Habits:

- Created comprehensive API documentation using Swagger, facilitating easy integration, maintenance, and ensuring clear communication between frontend and backend components.
- Implemented multilingual support and theme options (dark and light) using React and Redux, enhancing the app's accessibility and user experience across different languages and preferences.
- Developed the backend using Node.js, focusing on creating a robust and scalable infrastructure that ensured high performance and reliability for the application.

Tech stack: Zoom, Trello, HTML, CSS, JavaScript, GitHub, Heroku, Vercel, React, Redux, Node.js, Swagger, REST API

Head of the Project Department / Front End Developer, at Engineering Company "Avtomagistral" LCC

Sep 2018 - Feb 2021

Creation and Management of water-based projects: drainage and water supply systems, park areas:

- Oversaw project approvals and supervised projects during construction as a licensed Civil Design Engineer proficient in AutoCAD.
- Coordinated more than 50 new design and reconstruction projects across various infrastructure sectors, leading a diverse team of 30 engineers.
- Implemented a multi-page business card website for our company with the aim of attracting new customers, leading to a 25% growth in our customer base within 3 months.

Tech stack: AutoCAD, Microsoft Office, Word, Excel, Zoom, Trello, Photoshop, HTML, CSS, JavaScript, Bootstrap, jQuery, Netlify

Education

Master's Degree in Water Resources Engineering : National University of Kyiv, Ukraine (2011)

Certifications

Backend Fundamentals Bootcamp: OneCodeCamp (2024)

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Tech Connect Program: YWCA METRO VANCOUVER (2023)

Full-Stack Developer Course: GoIT - INTERNATIONAL ED-TECH COMPANY (2021)