YULIIA DOBROVA

Software Developer

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SUMMARY:

Experienced Software Engineer with over 5 years of expertise in application and web development. Proven track record of working effectively on a variety of projects, from solo web applications to large-scale systems, including an international social media platform, a school management system, an insurance claims processing app.

Skilled in contributing to all phases of the software development lifecycle, I have excelled in agile team environments and consistently delivered high-quality work on tight deadlines. My background in Civil Engineering enhances my technical capabilities with a strong foundation in problem-solving and project management.

TECHNICAL SKILLS:

Languages: JavaScript (ES6), TypeScript, Python
Frontend: HTML, CSS, React, React-Hook-Form, React Query, Redux, Redux Toolkit, SASS/SCSS, WebSocket, Material UI, Bootstrap, jQuery, Styled Components, Axios
Backend: 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, Canva

PROFESSIONAL EXPERIENCE:

SOFTWARE DEVELOPER at Western National Insurance   May 2023 - Present

Implementation of an Internal Web App for Insurance claim processing in auto body shops:
- Developed and maintained a high-performance web application using React and Node.js, achieving a 95% reduction in claim-processing time through automation and optimized workflows.
- Designed intuitive user interfaces with Material UI and implemented Redux Toolkit for robust state management, ensuring consistent data flow and boosting app responsiveness by 40%.
- Reduced manual data entry by 80%, cutting error rates by 60% and significantly accelerating claims processing through automated workflows and secure RESTful API integration.
- Facilitated real-time claim status updates with WebSocket integration, enabling live notifications and decreasing total claim processing time by 30%.
- Collaborated cross-functionally to align technical solutions with business requirements, while mentoring junior developers on best practices to enhance code quality and team productivity.

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

FRONTEND DEVELOPER at "SAAS INSIDERS" Web Tech Company   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 used: 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 used: HTML, CSS, SCSS, JavaScript, React, REST API, Axios, Node.js, Postman, Github, Figma, ClickUp, Slack

FRONTEND DEVELOPER at <u>Dental Center Of Dr. Krolyk</u>   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 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 used: React, JS, Styled-components, GitHub, Vercel, EmailJS, i18next, slick-carousel, router, Web Hosting

FULL-STACK DEVELOPER at <u>"GoIT - INTERNATIONAL ED-TECH COMPANY"</u>   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 used: Zoom, Trello, HTML, CSS, JavaScript, GitHub, Heroku, Vercel, React, Redux, Node.js, Swagger, REST API

CIVIL DESIGN ENGINEER / FRONT END DEVELOPER
at <u>Engineering Company "Avtomagistral" LCC</u>   Sep 2018 - Feb 2021

Creation and Management of water-based projects: drainage and water supply systems, park areas:
- Performed hydrotechnical tasks, designed water protection zones, led a group of 4 engineers in the water supply and drainage department.
- Oversaw project approvals and supervised projects during construction as a licensed Civil Design Engineer proficient in AutoCAD.
- Coordinated over 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 the company with the aim of attracting new customers, leading to a 25% growth in customer base within 3 months.

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

EDUCATION:

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

CERTIFICATIONS:

Data Analytics Fundamentals Bootcamp: OneCodeCamp (2024)
Backend Fundamentals Bootcamp: OneCodeCamp (2024)
Tech Connect Program: YWCA METRO VANCOUVER (2023)
Full-Stack Developer Course: GoIT - INTERNATIONAL ED-TECH COMPANY (2021)