

YEVHENII STRILETS

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Technical Skills

Languages: JavaScript, TypeScript, C++, Node.js, PostgreSQL, GraphQL, HTML5, CSS3

Frameworks & Library: React, Redux, Next.js, Jest, Mocha, Cypress

Other: Docker, GCP, CI / CD, Postman, JSON, REST APIs, TailwindCSS, SCSS, Bootstrap, Git

Experience

SEO Soul

Feb 2023 - Aug 2023

Web Developer | React, TypeScript, Node.js, GraphQL

Vancouver, BC

- Migrated **15+ classes** from a monolith application into a microservice architecture, providing more scalability and easier maintenance of an e-commerce platform
- Engineered the web audit **Chrome Extension** for the company's internal product, leading to improvement in team workflow efficiency and a **30%** increase in data accuracy during audit assessments
- Redesigned e-commerce platform UI / UX with **React** and **TailwindCSS** which contributed to a **24%** growth in monthly active users; resulting in **32,000\$** in new additional revenue
- Developed an introductory web development course to assist new junior hires with the required knowledge
- Worked in an **agile** environment, participated in the sprint reviews and demoed new features to the team
- Wrote unit and integration tests for a frontend features with over **90%** coverage using **Jest** and **Cypress**

Projects

Unifyi | demo

A platform tackling university-related questions for students | JavaScript, React, Redux, Docker, Kubernetes

- Assumed full stack developer role and created backend and frontend features in **10+ microservices**
- Built **20+** webpages and optimised all components for mobile performance using **MaterialUI** and contributed reusable components that accelerated feature implementation across the application
- Acted as a scrum master for a team of **4 members** in an **agile** environment
- Developed chat and notification features using **Socket.io** for event-driven architecture
- Achieved 100% automation with **CI/CD** and implemented pipeline to release new features to production
- Integrated **Google Analytics** events, providing insights that drove a **25%** decrease in bounce rates for mobile users and guided iterative design enhancements

Echo | github

A messaging app for chatting with individuals and chat groups | TypeScript, Next.js, PostgreSQL

- Implemented real-time messaging using **TypeScript Pusher** library to enable instant communication
- Developed credential authentication with **NextAuth** and integrated **Google authentication** for login option
- Enabled file and image uploads using **Cloudinary CDN** for efficient media handling.
- Designed a **UI** with **Bootstrap** and ensured responsiveness across all devices for user experience

Router

A pathfinding app for route visualisation and obstacle avoidance | C++, Qt

- Developed **7 path-finding** algorithms using **C++** to visualize optimal routes from source to destination
- Utilized A* variants and iterative deepening techniques to enhance path planning efficiency and obstacle avoidance, achieved a **15%** increase in solution optimization
- Engineered interface with **Qt framework** for application to demonstrate successful path solutions

Education

Simon Fraser University

Bachelor of Science, Computer Science

2018 - Dec 2021

Vancouver, BC