

Yaovi Hougue

Edmonton, Alberta

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HIGHLIGHTS

- Experienced full-stack software developer with 5+ years building scalable web applications
- Comfortable in React, Vue, TypeScript, Node.js, and modern frontend architectures
- Specialized in modern web technologies including Vue.js and React for complex application development
- Implemented advanced state management solutions, using Redux, Vuex, and Pinia
- Possess expertise in Three.js with 60+ deployed AR projects that drive user engagement and competitive advantage
- Optimized performance for complex web applications through code splitting and caching strategies
- Established automated testing pipelines and CI/CD workflows for reliable deployments
- Partnered with cross-functional teams and facilitated stakeholder communication in agile environments
- Delivered high-performance scalable solutions, using clean code practices and industry-standard design patterns
- Applied innovative problem-solving approaches to overcome complex technical challenges
- Multilingual (French, English, Russian) enabling collaboration with diverse international teams and clients
- Eligible to work in Canada as Permanent Resident

PROFESSIONAL EXPERIENCE

Front-End Developer, *July 2020 – October 2024*

Devar/Mywebar (Remote, USA)

- Refactored and optimized the front-end dashboard architecture of mywebar.com that reduced the load time by 35%
- Developed and delivered more than sixty(60+) customized commercial AR/3D web experiences for customers that significantly increased user engagement and campaign ROI using React, Vue, and Three.js
- Optimized the rendering of mywebar AR-viewer module for mid-range devices to sustain 60fps using WebGL
- Led the migration of 1,000+ components from Vue 2/Nuxt 2 to Vue 3/Nuxt 3, modernizing state management with Pinia
- Improved the customer experience on the company AR-viewer by developing a browser-based video conversion module using WASM + optimized FFmpeg
- Contributed to an analytics microservice (Node.js/Express) delivering real-time user behavior insights and data-rich dashboards and reporting interfaces.
- Mentored junior developers, conducted code reviews, and advocated for best practices that improved reliability.
- Engaged with stakeholders to translate business goals into user-centric product features.
- Developed and maintained scalable and reusable front-end applications using React.js, Vue.js, and TypeScript.

Full-Stack Developer

Freelance | Oct 2019 - May 2020

- Improved a travel agency website, reducing page load times and increasing mobile conversions
- Designed and launched a Progressive web application for a real estate startup, enabling offline use and retention
- Delivered a feature-rich e-commerce solution with shopping cart, payment integration, and responsive design

Frontend Developer Intern

Nordclan | Sep 2019 - Oct 2019

- Developed reusable React components following atomic design.
- Migrated company website from WordPress to React SSR, improving SEO rankings and load speed
- Contributed bug fixes and feature enhancements for internal issue-tracking software

UX/UI Designer

Cinar | Aug 2017 - Jan 2019

- Developed reusable React components following atomic design.
- Migrated company website from WordPress to React SSR, improving SEO rankings and load speed
- Contributed bug fixes and feature enhancements for internal issue-tracking software

UI Designer

Smartguide | Fevrier 2017 - Aug 2017

- Developed reusable React components following atomic design.
- Migrated company website from WordPress to React SSR, improving SEO rankings and load speed
- Contributed bug fixes and feature enhancements for internal issue-tracking software

Technical skills

Languages & Frameworks: TypeScript, JavaScript (ES6+), Python, Rust(familiar).

Tools & Technologies:

- **Frontend Framework:** React.js, Redux, Next.js, Vue.js, Nuxt.js.
- **State Management:** Redux, Vuex, Pinia
- **Backend/services Management:** Node.js, Express.js, Python3/Django, SQL, No-SQL.
- **Build Tools:** Vite.js, Webpack, Docker
- **Testing:** Vitest, Jest (unit & integration)
- **Design tool:** Figma, Adobe suites
- **UI/UX:** Responsive Design, CSS, Bootstrap
- **Other:** REST-API

Education

Master of Science (Applied Informatics) Moscow Power Engineering Institute | 2020 - 2022

Bachelor of Science (Electrical Engineering) Kazan National Research Technological University | 2012 - 2017

Certificates

- **Systematic Program Design in Python** - University of British Columbia, Dec 2025 [Certificate ID](#)
- **MERN Stack Front To Back: Full Stack React, Redux & Node.js** - Udemy, Feb 2019 [Certificate UC-S9J14EFA](#)
- **Introduction to C++** - EDx / Microsoft, Dec 2015 [Certificate ID: MS-DEV277x](#)

Additional Information

- **Languages:** English, French, Russian
- **Status:** Permanent Resident