

WILLIAM WU

Full-Stack Developer | React • Next.js • TypeScript • Node.js

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PROFESSIONAL SUMMARY

Full-Stack Web Developer with 2+ years of experience building web applications and internal business tools with React, Next.js, TypeScript, Node.js, and SQL databases. Currently in financial services (insurance), converting requirements from non-technical stakeholders into working, database-backed systems.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, SQL, HTML5, CSS3

Front-End: React, Next.js, Tailwind CSS, Responsive / Mobile-First Design

Back-End: Node.js, Express.js, REST APIs, Prisma ORM

Databases: PostgreSQL, MySQL, Supabase

Tools & Platforms: Git/GitHub, Vercel, WordPress, WooCommerce, Figma, Google Analytics (GA4)

Practices: API integration, workflow automation, technical documentation, performance and usability optimization

PROFESSIONAL EXPERIENCE

Configuration Analyst - Forward Insurance Managers Ltd., Vancouver, BC Mar 2026 - Present

- Configure and maintain insurance products within an enterprise platform, combining front-end development and API testing
- Build and style form interfaces using HTML, CSS, and JavaScript, including UI interactions and dynamic popups
- Configure business logic and calculation rules for insurance products using formula-based systems
- Test and validate REST API endpoints to ensure accurate calculation outputs
- Developed custom internal tools using JavaScript to streamline configuration workflows and improve team efficiency

Project Manager | Lead Developer - PulseHire AI, Surrey, BC May 2025 - Mar 2026

- Led development of an AI-powered interviewing job board built with Next.js, integrating third-party APIs across the platform
- Developed a robust admin dashboard to manage applications and operations for the job board, designed and prototyped in Figma
- Set up GA4 and Google Tag Manager analytics, and improved site performance and SEO using best practices
- Created detailed project timelines and managed development workflow using Kanban boards and Gantt charts

Web Developer | UI/UX Designer - Vancouver WebTeck May 2024 - Mar 2026

- Developed dynamic, responsive client websites using JavaScript, PHP, React, and Next.js, ensuring performance and accessibility standards
- Built scalable web solutions with CMS tools including WordPress and Shopify
- Designed wireframes and prototypes in Figma and collaborated with cross-functional teams to deliver client projects

Frontend Engineer - Let's Pair Education, Vancouver, BC Sep 2024 - May 2025

- Developed the platform's student-matching algorithm using TypeScript
- Designed scalable data models using Prisma ORM for seamless integration with PostgreSQL
- Implemented a front-end authentication system using Next.js and js-cookie to manage user sessions
- Maintained REST API connections between front end and back end, building responsive UI with Tailwind CSS

WordPress Developer (Internship) - Henesys Digital, Remote, BC Jun 2024 - Sep 2024

- Created custom shortcodes for banners, buttons, and card components; optimized media and scripts to improve page speed

PROJECTS

RideLink YVR - Ride-Booking Platform (Next.js, TypeScript, Supabase, Twilio), ridelinkyvr.com

- Built a customer-facing ride-booking platform with instant fixed-fare estimates and a no-account booking flow, backed by a Supabase (PostgreSQL) database
- Integrated Twilio for SMS-based booking, ride notifications, and customer communications, plus PayPal payment processing; deployed on Vercel with performance and SEO optimization

EDUCATION

Front-End Web Developer Certificate - British Columbia Institute of Technology 2023 - 2024

Bachelor of Arts, Psychology (Minor in Counselling) - Kwantlen Polytechnic University 2014 - 2020