

# Robert Chen

Coquitlam, BC, Canada

robchendev@gmail.com

Project Portfolio: [robchen.dev](https://robchen.dev)

[github.com/robchendev](https://github.com/robchendev)  
[linkedin.com/in/robchendev](https://linkedin.com/in/robchendev)

## Skills

**Programming Languages:** JavaScript, TypeScript, Python  
**Front-End:** React, React Native, NextJS, Redux, HTML, CSS  
**Back-End:** Node, Express, PostgreSQL, MongoDB

**Development Tools:** Git, Postman, Docker  
**Team Tools:** Agile Methodology, Jira, Confluence  
**Operating Systems:** MacOS, Windows, Linux

## Work Experience

### Front-End Web Developer

Natasha Guitars, Contract Full-Time

March 2024 - April 2024

Portland, OR, USA (Remote)

- Doubled online sales revenue by developing plugins and themes using Liquid, HTML, CSS and JS to optimize customer retention.
- Promoted product sales to over 2,000 daily customers by collaborating with global teams to translate business needs to technical solutions.

### Front-End Web Developer

Eddie van der Meer, Contract Full-Time

January 2024 - February 2024

Purmerend, NH, Netherlands (Remote)

- Increased domain authority by generating high-quality backlink traffic, leading to a 1,000 daily visitors on a website developed in React.
- Boosted product sales revenue by 40% through the development of advanced search parameters and a 50,000% faster table search algorithm.
- Reduced website operating costs by 97% by developing proprietary software as replacements for subscription-based third party services.

### Full-Stack Web & Mobile Developer Co-op

Jimu Labs, Full-Time

September 2022 - December 2022

Victoria, BC, Canada (Remote)

- Enhanced user workflows and automation options by 30% through development of features for a full-stack React automation platform.
- Improved bug resolution time by 25% and expedited hotfixes for iOS and Android devices by leveraging Sentry for efficient debugging.
- Engineered social media app features in React Native, securing data access with PostgreSQL Row Level Security and token authentication.

### Software Engineer Intern

Masimo Corporation, Full-Time

June 2022 - September 2022

Vancouver, BC, Canada

- Assisted millions of patients by developing a full-stack Angular app with Node and Express to facilitate over-the-air medical device updates.
- Accelerated real time patient data retrieval speeds by 1000% by implementing GUIs on devices used by scientists, providing live feedback.
- Implemented a secure authentication system in the back-end, restricting access to authorized users within the company's private network.

### Full-Stack Web Developer

Avian Guitars, Contract Full-Time

September 2021 - April 2022

Shenzhen, GD, China (Remote)

- Increased affiliate marketing sales by 40% through the development of an affiliate program server using Node, Express and Shopify API.
- Automated 95% of affiliate communications by implementing sale alerts with Twilio's SendGrid API and an affiliate web dashboard.

### Full-Stack Web Developer

Avian Guitars, Contract Part-Time

September 2020 - September 2021

Shenzhen, GD, China (Remote)

- Promoted brand to hundreds of monthly customers by developing a unique Shopify theme using Liquid, HTML, CSS and JavaScript.
- Enhanced product release management with a full-stack dashboard for scheduling content using Node, Express, and Shopify API.

### Web Developer & Sales Coordinator

Natasha Guitars, Contract Part-Time

September 2019 - September 2020

Portland, OR, USA & Shenzhen, GD, China (Remote)

- Streamlined customer-sales communication by setting up a Gmail SMTP server, ensuring reliable and timely delivery of notifications.
- Increased brand visibility to the global market by developing a Shopify theme using Liquid, HTML, CSS and JavaScript.

### Web Developer & Marketing Manager

YuGuitars, Contract Full-Time

April 2019 - September 2019

Shanghai, China (Remote)

- Developed the jQuery frontend and Laravel backend of a website, customizing customer experience with PHP, HTML, CSS, and JS.
- Recruited musicians with a collective follower count of over 6 million to advertise the product, accounting for over 95% of product sales.

## Education

### University of Victoria

B.Sc. in Computer Science (GPA: 3.52)

September 2019 - December 2023

Victoria, BC, Canada