

Towa Quimbayo

[in LinkedIn](#) | [\(778\) 580 - 8243](#) | [towaquimbayo.com](#) | [towacurtis@hotmail.com](#) | [GitHub](#) | Vancouver, BC

Technical Skills

Languages: JavaScript, TypeScript, HTML5, CSS3, Java, Python, SQL, C, C#, PHP, YAML, Kotlin, Dart

Frameworks: Node.js, Express.js, React.js, Redux, Next.js, Django, Prisma ORM, Tailwind CSS, jQuery, React Native, Flutter

Databases: MongoDB, PostgreSQL, MySQL, SQLite, Firebase, Amazon DynamoDB, MariaDB, Couchbase

Tools: Git/GitHub, AWS (Lambda, Cognito), GCP, Postman, Figma, Open AI, JWT, OAuth, W3C Accessibility, WordPress, Jira

Work Authorization: Dual Citizen of Canada and Japan

Work Experience

Software Developer (Co-op)

January 2023 - Aug 2023

Payment Source Inc.

Port Moody, BC

- Engineered a Text Recognition API using Next.js, React.js, Redux, C# and AWS Lambda, integrating Google Cloud Vision AI to automate the verification of user's bank information, significantly reducing the manual verification time and boosting efficiency.
- Designed and executed 75+ AWS .NET Mock Lambda test cases for the Text Recognition API, ensuring high reliability and reducing potential production issues.
- Streamlined design workflows by creating comprehensive Figma brand libraries, facilitating the development of 150+ high-fidelity prototypes and wireframes, leading to a significant reduction in design iteration time.
- Enhanced the Canada Post Prepaid Card mobile app in React Native by upgrading the Expo SDK, reducing app crash rates.
- Spearheaded Web W3C accessibility initiatives, achieving AA compliance standards across all customer-facing applications.
- Optimized development workflows by enhancing an internal bot using JavaScript (Node.js) by enhancing features, automating deployment pipelines, improving cross-platform integrations, and streamlining data management with Amazon DynamoDB.

Web Developer

January 2021 - March 2022

Evolve Branding

Vancouver, BC

- Led the end-to-end development of an 80+ page web app for Dowco Consultants using HTML5, CSS3, JavaScript and PHP, creating an intuitive UI and implementing effective SEO strategies, leading to increased user engagement and retention rate.

Projects

[KEMLabels](#) | React.js, Redux, CSS3, Node.js, Express.js, JavaScript, MongoDB, GitHub Actions

[kemlabels.towaquimbayo.com](#)

- Engineered and designed a web application with robust form state management across 14+ pages, enhancing error handling, and achieving a 93.9% engagement rate with a 6.1% bounce rate, significantly improving user retention.
- Integrated Stripe and Coinbase payments, allowing seamless transactions for purchasing shipping labels with support for bulk orders via Excel spreadsheet, and providing a transparent transaction history for users, contributing to an 8.9K event count.

[Garaage](#) | Flutter, Dart, Firebase, Google Gemini API v1.5 Pro, Google ARCore, Google Cloud Platform (GCP)

- Developed a mobile app for vehicle diagnostics and maintenance to enhance how users monitor and manage their vehicles.
- Integrated Bluetooth connectivity with OBD2 scanner capabilities to enable seamless real-time diagnostics and comprehensive vehicle health reports generated by Google Gemini API, and developed an AR-based vehicle component identification system.

[PlaceSpeak](#) | React.js, Redux, CSS3, JavaScript, Django, PostgreSQL, Python, Mapbox API, Vercel

- Developed a location-based civic engagement web application with 5 developers implementing gamification features.
- Executed 30+ rigorous test cases, ensuring robust user flow and cross-browser compatibility, resulting in a secure platform with enhanced stability and performance.

Education

British Columbia Institute of Technology

January 2022 - May 2024

Diploma, Computer Systems Technology (GPA: 93%)

Burnaby, BC

British Columbia Institute of Technology

September 2019 - April 2021

Diploma, New Media Design and Web Development (GPA: 86%)

Vancouver, BC

Hackathon Achievements

[YVR Smart Airport \(Baai\)](#) | React.js, Redux, Tailwind CSS, Python, Flask, MySQL, YOLOv8, TensorFlow, Raspberry Pi

April 2024

- Won 1st place for \$5,000 by developing an AI-powered airport maintenance monitoring application to enhance passenger experience and optimize operational efficiency at Vancouver International Airport.

[Beeloud and Build AI 2024 \(KindSettle\)](#) | React.js, Redux, Node.js, TypeScript, JavaScript, Couchbase

May 2024

- Won 1st place for \$1,000 by developing the first legal mediation platform designed specifically for co-parents handling child support matters after divorce, reducing the need for court involvement.