# Towa Quimbayo

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## Technical Skills

**Languages:** JavaScript, TypeScript, React JS, HTML5, Java, Next JS, SQL, Python, React Native, Node JS, C#, C, YAML, PostgreSQL, OAuth, CSS3, Kotlin, MongoDB, PHP, Prisma, Tailwind, SCSS, GSAP
**Software:** Figma, GitHub, AWS, Lambda, Open AI, Google Cloud, Django, Adobe, Android Studio, WordPress, PyTorch, Firebase
**Other**: UI/UX Design, Object-Oriented Programming, Full-Stack, JWT, Microservice, API Development, Predictive Modelling, Japanese

## Work Experience

**Software Developer Co-op**                                                January 2023 - Aug 2023
Payment Source Inc.                                                                  Port Moody, B.C.
- Spearheaded 10 pivotal projects, showcasing dedication through 540 impactful GitHub commits across 8 distinct internal and customer-facing applications.
- Engineered a cutting-edge Text Recognition API in C# and AWS Lambda, integrating Google Cloud Vision API, resulting in a significant reduction in manual bank information verification time. Designed and executed 75 rigorous test cases, ensuring robustness and reliability in handling file uploads and confidence score thresholds.
- Revolutionized design processes by creating comprehensive Figma brand libraries, facilitating the development of over 150 high-fidelity prototypes, leading to a significant reduction in design iteration time.
- Innovated internal development workflows by contributing to the Gitmo bot, optimizing development processes through feature integrations, automated deployment pipelines, and robust data management with DynamoDB.

**Web Developer**                                                              January 2021 - March 2022
Evolve Branding                                                                       Vancouver, B.C.
- Spearheaded over 80 projects encompassing full-stack web applications, logo design, UI/UX enhancements, and comprehensive brand development initiatives, delivering impactful solutions across diverse domains.
- Led full-stack web development for Dowco Consultants, orchestrating the creation of over 80 pages with modern designs and user-centric experiences, resulting in heightened engagement and brand resonance.

## Projects

**Dowco Consultants** | HTML, PHP, CSS, JavaScript, Figma, Brand Development, Logo Design                 [dowco.com](#)
- Spearheaded the entire project with over 80 pages and led the development of the full-stack web application, enhancing their online presence and brand reputation reflecting the company's stature as an industry leader.
- Acted as the primary point of contact, liaising directly with clients to understand their business requirements. Managed client expectations and ensured alignment between project deliverables and organizational objectives.

**KEMLabels** | React JS, Redux, Node JS, Stripe, Crypto, MongoDB, GitHub Actions                     [kemlabels.com](#)
- Led the development and design of the entire full-stack web application using React JS, focusing on optimizing user experience through meticulous UI/UX design considerations, including form applications and layout.
- Integrated Stripe and Crypto payments for purchasing shipping labels and support for bulk orders via Excel spreadsheet.
- Implemented GitHub Actions for automating the deployment process and facilitating seamless code deployment.

**IntelliScan** | React JS, Redux, TypeScript, Node JS, JWT, Python, AI Modeling, Gemma2B, MongoDB     [intelliscan.towaquimbayo.com](#)
- Developed an AI-powered web application for securely uploading PDF files and interacting with a self-deployed AI model.
- Managed the full-stack development, including form validations, error handling, and authentication with JWT and HttpOnly cookies for strong security measures to prevent XSS and MITM attacks, ensuring user data integrity.

## Education

**Computer Systems Technology (Diploma)**, Cumulative GPA: 4.0               January 2022 - May 2024
British Columbia Institute of Technology                                       Burnaby/Vancouver, B.C.
**New Media Design and Web Development (Diploma)**, Cumulative GPA: 3.0      September 2019 - April 2021
British Columbia Institute of Technology                                            Vancouver, B.C.

## Hackathons

**YVR Smart Airport, 1st Place Winner as "Baaj"** | React JS, Redux, Tailwind, Node JS, Python, Flask, YOLOv8   April 2024 - April 2024
YVR's Innovation Hub and Maintenance Team                                           Richmond, B.C.
**QDS Hacks, 3rd Place Winner as "Ora"** | Next JS, React JS, Open AI, Chatbot, Tailwind, OAuth, GitHub      March 2024 - March 2024
British Columbia Institute of Technology                                              Burnaby, B.C.