

# Eric Tan

FULL-STACK DEVELOPER · COMPUTER SCIENCE GRADUATE · BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

☎ (+1) 604-446-2938 | ✉ [Erichtansde@gmail.com](mailto:Erichtansde@gmail.com) | 🏠 [Erichasatan.github.io](https://github.com/Erichasatan) | 📺 [ErichasaTan](#) | 🌐 [Erichtan2001](#)

## About Me

**Programming** JavaScript/TypeScript · Node.js · React/React-Native · Vue.js · SQL · Python · Amazon Web Services (AWS)  
**Skills** Relational Databases · CI/CD Pipelines · Computer Networking · Web Scraping · Agile Methodology  
**Tools** Git · n8n · Docker · OpenAI · Android · Visual Studio Code

## Work Experience

### Play On! Canada

Vancouver, BC

FULL-STACK DEVELOPER II

July 2024 - Present

- Led a team of 3 to design and develop an internal admin system for on-site event management, enabling real-time player modifications, waiver status checks, payment reconciliation, game scheduling, and score tracking, while supporting Excel exports for streamlined reporting.
- Reduced manual testing time by 90% by creating build pipelines to automate testing and coverage reporting, moving from weekly deployments to CI/CD.
- Led daily scrum meetings and maintained the Kanban board to ensure task progress during sprints, while also conducting weekly sprint demos for major stakeholders to ensure product usability, accuracy, and effective knowledge transfer.
- Mentored a developer intern through daily check-ins, pair programming, task assignment, and conducting code reviews to ensure high-quality code and adherence to development standards.
- Main technologies: **React, TypeScript, Node.js, n8n and PostgreSQL.**

### Play On! Canada

Vancouver, BC

FULL-STACK DEVELOPER

June 2023 - June 2024

- Designed and developed a tournament management page for Canada's largest street hockey events, streamlining operations and enhancing participant experience for over 900 players and 250 teams in Surrey and Kelowna.
- Integrated Stripe and Braintree payment processors for seamless online transactions, elevating user experience and payment security.
- Employed lazy loading techniques to optimize image asset loading, reducing initial load times by 30%.
- Conducted software testing to identify and rectify bugs while documenting processes, increasing efficiency by 18%.
- Main technologies: **React, TypeScript, Node.js, n8n, and PostgreSQL.**

### IOTO International Inc.

Vancouver, BC

SOFTWARE ENGINEER

October 2022 - June 2023

- Implemented, tested, and deployed REST API using AWS API Gateway and Serverless Application Model (SAM) for production and development.
- Optimized average AWS CodePipeline build phase by 89% from 8 minutes to 50 seconds by caching Docker layers and dependencies.
- Automated municipal councilors' Twitter scraper by creating a daily executable script, reducing manual effort and new queries by 75%.
- Provisioned AWS cloud computing services using IaC (AWS Cloudformation).
- Main technologies: **Python, Amazon Web Services (AWS), PostgreSQL, and Docker.**

### Love Your Planet Foundation

Burnaby, BC

SOFTWARE DEVELOPER INTERN - MOBILE APP

January 2022 - July 2022

- Coordinated with a short-cycle, agile, iterative development team to build and ship a social media Android app minimum viable product.
- Improved user acquisition rate by 19% by integrating cross-app post-sharing with Facebook and Twitter platforms.
- Refined user experience and engagement by designing a deferred deep linking flow with less friction.
- Implemented law and petition pages, pulling data from the Canadian House of Commons' site and displaying it for users to follow or share.
- Main technologies: **React Native, Redux, Node.js, MongoDB, and Heroku.**

## Projects

### InstaTune Bot

Vancouver, BC

PERSONAL PROJECT

September 2024

- Developed an automated Instagram posting system that integrates with Spotify API to detect new music releases and AWS S3 for image retrieval.
- Leveraged Node.js to handle complex API interactions, including OpenAI API for creative captions and Facebook Graph API for Instagram automation.

## Education

### British Columbia Institute of Technology

Burnaby, BC

COMPUTER SYSTEM TECHNOLOGY DIPLOMA (WITH DISTINCTION)

Grad. June 2022