

Eric Tan

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

☎ (+1) 604-446-2938 | ✉ Erictansde@gmail.com | 🏠 [Erichasatan.github.io](https://github.com/Erichasatan) | 📺 [ErichasaTan](#) | 🌐 [Erictan2001](#)

About Me

Programming JavaScript/TypeScript · Node.js · React/React-Native · Vue.js · SQL · Python · Amazon Web Services (AWS)
Tools Git · n8n · Docker · OpenAI · Android · Visual Studio Code

Work Experience

Play On! Canada

Vancouver, BC

FULL-STACK DEVELOPER

September 2024 - Present

- Led a team of 3 in designing and developing 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 implementing automated build pipelines for testing and coverage reporting, transitioning from weekly deployments to an efficient CI/CD pipeline.
- Facilitated daily scrum meetings and managed the Kanban board to track task progress during sprints, while conducting weekly sprint demos for stakeholders to ensure product usability, accuracy, and effective knowledge transfer.
- Mentored a junior developer through daily check-ins, pair programming, task assignments, and comprehensive code reviews, fostering professional growth and ensuring the delivery of high-quality, standards-compliant code.
- Main technologies: **React, TypeScript, Node.js, n8n and PostgreSQL.**

Play On! Canada

Vancouver, BC

JUNIOR FULL-STACK DEVELOPER

June 2023 - September 2024

- Designed and developed a tournament management system for Canada's largest street hockey events, streamlining operations and improving the participant experience for 900+ players and 250+ teams across Surrey and Kelowna.
- Integrated Stripe and Braintree payment processors for seamless online transactions, significantly elevating payment efficiency and security.
- Employed lazy loading techniques to optimize image assets, reducing initial load times by 30%.
- Conducted end-to-end software testing to identify and resolve critical bugs, while meticulously documenting workflows, resulting in an 18% boost in process efficiency and enhanced system reliability.
- Main technologies: **React, TypeScript, Node.js, n8n, and PostgreSQL.**

D3 Security

Vancouver, BC

FULL-STACK SOFTWARE ENGINEER

November 2022 - March 2023

- Resolved critical software bugs and performed thorough code reviews, delivering high-quality solutions and resulting in 95% client satisfaction.
- Implemented and managed secure authentication and authorization protocols using Microsoft Identity Platform, supporting 10,000+ active users and ensuring 99% uptime with a seamless and secure user experience.
- Migrated legacy Web Methods to a modern API structure, boosting performance and improving code compatibility and maintainability.
- Developed various application commands, including system utility commands, integration commands, and custom commands.
- Main technologies: **React, KendoUI, Python, C#, and MongoDB.**

Internships

IOTO International Inc.

Vancouver, BC

SOFTWARE ENGINEER INTERN

October 2021 - January 2022

- 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%.
- Main technologies: **Python, Amazon Web Services (AWS), PostgreSQL, and Docker.**

Love Your Planet Foundation

Burnaby, BC

SOFTWARE DEVELOPER CO-OP - MOBILE APP

January 2021 - April 2021

- 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.
- 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.**

Education

British Columbia Institute of Technology

Burnaby, BC

COMPUTER SYSTEM TECHNOLOGY DIPLOMA (WITH DISTINCTION)

September 2020 - June 2022