

# Tai Tong

Toronto, Canada

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[github.com/thebigbluebox](https://github.com/thebigbluebox)

## Summary

Technical Lead and Full Stack Engineer with 8+ years building and operating production platforms. Experienced scaling teams, owning cloud infrastructure (AWS/Docker/ECS), and shipping high-impact products in fast-moving startup environments.

Experience

### Team Lead, Clutch Technologies

Toronto – 2024 January - Present

- Lead and mentor a team of 6 engineers, owning technical direction, execution, and delivery for customer-facing products and internal tooling
- Drove feature execution end-to-end and collaborated directly with product, operations, and business stakeholders to clarify ambiguous requirements and ship quickly with confidence
- Launched the Wholesale Sales Platform, enabling dealers to submit offers and close transactions directly within [clutch.ca](https://clutch.ca)
- Architected Returns & Exchanges workflows inside the core order/receipt system, integrating safely into one of the company's most critical revenue paths
- Implemented agentic, full-cycle E2E test generation from the ground up (no prior integration coverage), enabling rapid prototyping and safer deployments through automated scenario coverage
- Increased development velocity by reducing manual QA and enabling faster iteration through automated verification pipelines

### Senior Full Stack Engineer and Dev Ops, Clutch Technologies

Toronto – 2023 October - 2024 January

- Owned the AWS cloud platform and observability strategy for [clutch.ca](https://clutch.ca) and internal admin systems
- Designed containerized CI/CD workflows including base image pipelines, registries, and safe rollback strategies
- Built License-to-VIN service using Lambda + S3 events with automated imports and audit logging
- Improved monitoring and alerting to reduce incident detection and resolution time
- Supported infrastructure and on-prem systems including campus networking
- Installed and configured pfSense gateways, Arista TOR switches (MLAG), and UniFi PoE infrastructure supporting 300+ employees

### Web3 Founding Engineer, Staging Labs

Toronto – 2023 January - 2023 June

- Early engineering hire responsible for end-to-end product and platform delivery
- Launched Beta 1 of a consumer-friendly crypto portal built with TypeScript, React, and Node.js
- Architected and operated full AWS stack (ECS, ECR, RDS, Route53, EC2)
- Implemented NFT support services in Go
- Built CI/CD automation eliminating manual deployments and enabling rapid iteration

### Software Technical Lead, HelpWear

Toronto – 2021 May - 2022 December

- Led modernization of physician portal from monolith toward containerized services
- Established CI/CD pipelines using Jenkins + GitHub + AWS
- Introduced agile practices improving sprint clarity and delivery predictability
- Reduced ECG data storage costs by 80% by migrating to Parquet + Snappy compression
- Improved developer experience through standardized environments and tooling

## **Software Developer, Ceridian Dayforce**

Toronto – 2018 September - 2021 May

- Developed core “Candidate Management” recruitment features used by enterprise HR customers
- Resolved complex performance bottlenecks across large datasets and business rules
- Served as Scrum Master and member of Kaizen committee to improve team practices

## **Full Stack Software Developer, PointClickCare**

Toronto – 2017 May - 2018 August

- Built full-stack features for new document e-signing product
- Piloted new Angular/Handlebars UI framework
- Introduced Selenium automation testing, improving release confidence

## **Education**

McMaster University, Hamilton Ontario – Computer Science BSc, 2016