

# TRISTAN PARRY

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## EDUCATION



### University of Waterloo

Bachelor of Applied Science – Computer Engineering, Co-op (Honours)

Sep. 2021 – Apr. 2026

Waterloo, ON

## TECHNICAL SKILLS

**Languages:** TypeScript, JavaScript, Python, C, C++, Java, SQL, HTML, CSS, GraphQL, Verilog, Kotlin, MATLAB, PowerShell, PHP

**Frameworks/Environments/Libraries:** React, Next.js, Vue, Spring Boot, Cypress, jQuery, Node.js, Angular, Express, Pinia

**Tools:** Git, Jira, Bitbucket, Datadog, BugSnag, Vercel, Figma, Docker, Jenkins, Sonatype, Sonarqube, Vivado, Firebase

## EXPERIENCE



### theScore

Software Developer

Jan. 2025 – Apr. 2025

Toronto, ON

- Upgraded **theScore.com** web platform from **React 16/Next 9** to **React 19/Next 15**, improving **Lighthouse scores** by >40%
- Restructured component library for **5 marketing applications** by eliminating barrel files, **reducing bundle size** by 33%
- Built new **ESPN Bet signup form** with **React/GQL**, deployed for NFL Championship weekend with **25,000+ impressions**
- Improved **configs/scripts** for **CircleCI automation** in 5 web applications, boosting **Lighthouse scores** from 67 to 100
- Led **sportsbook marketing pages** development, adding **7 CMS components** and **eliminating engineering maintenance**
- Identified and **removed subscription-dependent libraries** in CMS/web platforms, **reducing costs** by \$2,800/year



### PointClickCare

Full Stack Developer

Jan. 2024 – Apr. 2024

Mississauga, ON

- Updated **6 Spring Boot microservices** to support Post-Acute Care products with >60% **skilled nursing market share**
- Adapted **backend request** using **Redox API** to boost **National Provider Identifier** transmission success from 28% to 100%
- Wrote **automated unit/integration test** suites using **Cypress** to maintain a **Sonarqube code coverage** score above 90%
- Created **5 Datadog monitors** to enhance app **observability/metric automation** across demo/production environments



### Amdocs

UI Developer

May 2023 – Aug. 2023

Toronto, ON

- Developed **10+ React components** using **Material UI** to fulfil mockups for **telecommunications enterprise software**
- Directed **full remodel** for frontend **API calls** using **React Redux**, **lowering traffic** by 10+ seconds per network call
- Implemented **report functionality** in internal management app to deliver **corporate lifecycle metrics** for **100+ partners**
- Completed **AWS workshops** using **Sagemaker/CodeWhisperer** to design **AWS Lambda functions** with **generative AI**



### LCBO|next

Full Stack Developer

Sep. 2022 – Dec. 2022

Kitchener, ON

- Developed **LED product tag** flash functionality using a specialized API for **4,000+ products** at the LCBO's **flagship store**
- Oversaw business relations with exterior partner **Danavision** to design the LCBO's **LED product tag technology**
- Built the **LCBO Service Template** using **PostgreSQL/React** to facilitate **future app startup** with user authentication



### Polaris Intelligence, Inc.

Full Stack Developer

Jan. 2022 – Apr. 2022

Toronto, ON

- Developed the **Polaris Trend Analysis module** using **React/Plotly.js** to delineate historical **Canadian census data**
- Attracted a **Big Five Canadian bank** by pioneering the Trend Analysis module, leading to a **potential partnership**

## PROJECTS



### FoodFind | JavaScript, HTML/CSS, MongoDB, Express, React, Node.js

- Developed a **MERN Stack** app to display **proximal restaurants** and grocery stores to a user's location
- Produced core functionality for **location-based API** fetching, using the **Mapbox API** and custom styling
- Built an **Express server/Mongoose schema** to execute user **registration and login** features via **REST API** requests



### RapidKeys | TypeScript, HTML/CSS, Angular, Node.js

- Created an **Angular** application to measure a user's **real-time typing speed**, errors, and accuracy
- Deployed to **Firebase** with the **Angular CLI** and achieved a **100% Chrome Lighthouse** score