Tristan Parry

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Technical Skills

Languages: TypeScript, JavaScript, Python, C, C++, Java, SQL, HTML, CSS, 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 API** to boost **National Provider Identifier** transmission **success to Redox**, 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

Education

University of Waterloo
Bachelor of Applied Science – Computer Engineering, Co-op (Honours)
Sep. 2021 – Apr. 2026
Waterloo, ON