

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** Jan. 2025 – Apr. 2025
Software Developer Toronto, ON
 - Upgraded [theScore.com](https://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** Jan. 2024 – Apr. 2024
Full Stack Developer 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** May 2023 – Aug. 2023
UI Developer 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** Sep. 2022 – Dec. 2022
Full Stack Developer 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.** Jan. 2022 – Apr. 2022
Full Stack Developer 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** Sep. 2021 – Apr. 2026
Bachelor of Applied Science – Computer Engineering, Co-op (Honours) Waterloo, ON