

# Russell Waring

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## TECHNICAL SKILLS

**Languages:** Java, C#, JavaScript, Python, SQL, Dart, C++, COBOL, PHP, HTML/CSS

**Frameworks:** React, .NET, Spring Boot, Flutter, Firebase, Android Studio, ISPF, PostgreSQL, MySQL, Microsoft SQL Server

**Tools & Practices:** Node.js, Supabase, Azure, LLM, Git, REST APIs, PowerShell, Power Apps, AGILE/Scrum, z/OS, Cloudflare

## PROFESSIONAL SUMMARY

- Junior developer with consulting experience supporting and collaborating with Fortune 500 technical teams.
- 8+ years of professional experience solving technical problems and supporting practical business solutions.

## EXPERIENCE

### Technical and Systems Analyst

Toronto, ON

10/2023 – Present

- Nevada Learning Series*
- Bridge business and technical teams by translating requirements into dashboards (Power BI), SharePoint solutions, and client-facing technical materials.
  - Lead weekly scrum sessions to align project teams while acting as a client liaison and project lead.
  - Create technical documentation and process guides for internal use and client initiatives to ensure usability and maintainability.
  - Designed automation workflows to streamline weekly reporting and project-quoting accuracy improving turnaround time by 50% (PowerShell, API integrations, Task Manager, Outlook, Excel, Power Apps).
  - Supported securing over \$400k in new business revenue (2024-2025) through client engagement, gathering requirements, and drafting proposals.

### Junior Technical Analyst (Co-op)

Toronto, ON

05/2022 – 09/2022

*Ontario Ministry of Transportation*

- Contributed to the design of a modern replacement for a legacy system, reviewing undocumented code and supporting the solution proposal (C++, SQL).
- Analyzed mainframe code and generated reports linked to impact of various proposed modifications to several heavily dated modules in the z/OS, ISPF system (COBOL, PL/I, REXX). Wrote and maintained JCL jobs for batch processes and regression testing.
- Participated in code-review sessions and weekly scrums, reporting to a project manager.

### Outbound Sales Representative / Technical Support Associate

Peterborough, ON

10/2017 – 06/2020

*Nordia Inc. (Bell Canada contract)*

- Diagnosed and resolved complex software and network issues in a high-volume support environment.
- Awarded “Bell All-Stars” recognition for ranking in the top 10% of performers.

## EDUCATION

### Computer Programming and Analysis Advanced Diploma

Oshawa, ON

01/2021 – 04/2023

*Durham College*

- Focused on object-oriented programming, full-stack development, and database systems.
- Studied system design and data modeling, including ER, use case and data flow diagrams, data dictionaries, and normalization.
- President’s Honour Roll & Highest-Ranking Graduate.

### Urban Forestry Technician Co-op Diploma

Lindsay, ON

09/2013 – 04/2016

*Sir Sandford Fleming College*

- Collected geospatial data using GPS and ArcGIS to analyze urban tree coverage and develop a 10-year greenspace management plan.

## PROJECTS

### Start-IT Job Board

[start-it.ca](http://start-it.ca)

- Full-stack job board using React, Supabase (PostgreSQL), and Cloudflare, supporting authenticated users and persistent data.
- Designed a relational database and backend pipeline to ingest, validate, and serve searchable job listings.
- Developing an AI/LLM validation layer to automatically vet and approve job listings before publication.
- Implementing dynamic search and filtering powered by live database queries and modern client-side routing.

### Portfolio Website

[waring.dev](http://waring.dev)

- Responsive site built with React. Deployed a backend service with PostgreSQL (Render) to analyze site traffic data.
- Independently deployed and manage frontend, backend, and database infrastructure.

### Bird Identification Mobile App

[github.com/Tsukiyomi-Inari/BirdNerd](https://github.com/Tsukiyomi-Inari/BirdNerd)

- Implemented backend data handling, an AI image-recognition API, geolocation API and features, and structured storage for user-generated content. Built with Flutter (Dart), Firebase, and JSON. Features user authentication.

## CERTIFICATES, ACTIVITIES & INTERESTS

**Certificates:** Foundational C#, Azure Fundamentals (AZ-900), ECBA (In-progress)

**Activities:** Studying French (part-time), Chess Club

**Interests:** Movies, Fitness, Camping, Cooking, Skating, Reading, Running