

Jon O'Brien

Software Developer

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AREAS OF EXPOSURE

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|-------|------------|--------|--------|------|-----------|
| React | Figma | Git | Python | SQL | C/C++/C# |
| PHP | TypeScript | Docker | Unity | Java | Wordpress |

EDUCATION

Bachelor's of Computer Science - Wilfrid Laurier University 2020 – 2025

PROFESSIONAL EXPERIENCE

IT Web Developer Intern - Deshaw Services Ltd. Feb 2025 – Present

- Onboarding new employees, configuring accounting, managerial, and daily operational software
- Responsible for resolving technical issues for internal clients, maintaining operational efficiency
- Using Odoo, developing and deploying multiple websites with online commerce

IT Helpdesk Technician Intern - Accurate Fasteners Ltd. Jul 2023 – Sep 2023

- Diagnosed, troubleshooted, and delivered comprehensive IT support to internal teams by resolving diverse hardware and software complications
- Partnered with management to prepare and roll out new internal IT policies to enhance security and operational standards

Product Management Intern - Appcast Jun 2022 – Aug 2022

- Authored technical guide for new service that enabled users to extract application data, providing key insights into advertising expenditures and applicant trends
- Analyzed application process data from various companies to identify trends and inform strategic decisions

PROJECTS

Val Tournament Api - Full stack web app Jul 2023 – Present

- Designed and provisioned **SQL database**, **REST API**, and admin dashboard for Valorant E-sports tournament data
- Developed **Python** web scraper for automated data retrieval of Valorant tournament data.
- Designing **cross-platform mobile app** using **Figma**, **Expo** with **React Native** frontend

Learn2Code - Android app Sep 2024 – Dec 2024

- Developed educational Android app in **Java** to teach programming concepts
- Incorporated **SQLite database** to store and manage lessons, topics, and quizzes
- Programmed navigation flows, ensuring seamless user experience between modules like lesson selection, content review, and quizzes
- Built quiz system, incorporating question progression and score tracking

Web Server Project - Backend web app Mar 2023 – Apr 2023

- Integrated **MySQL** database and developed **PHP functions** to handle CRUD operations
- Leveraged **AJAX** for **async** communication between front-end and back-end