Nicholas Parise

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EDUCATION

Bachelor of Science (Honours) Computer Science   **Sep 2021 - Dec 2025**

With concentration in Software Engineering   *GPA: 3.6/4.0*

Brock University   *St. Catharines, ON*

SKILLS

Programming Languages	Python | Java | C++ | JavaScript | HTML | CSS
Frameworks & Tools	Angular | React | Android | Arduino | Fusion 360 | Git | Power Automate | Power Apps
Database & DevOps	Azure DevOps | Dataverse | Jira | PostgreSQL | Oracle Cloud Infrastructure

EXPERIENCE

Ministry of Public and Business Service Delivery   **January 2023 - January 2024**

IT Service Management integrator   *St. Catharines, ON*

- Led development of the Service Management Digital Portal, a government platform designed to streamline cross-ministry cooperation by simplifying service assessment processes.
- Built custom API endpoints along with over 20 Power Automate flows using the Power Apps platform to enhance functionality and efficiency, for instance integrated auto-save with dataverse.
- Mentored fellow co-op students in web development and the Microsoft Power Platform, fostering skill development and collaboration.
- Improved user and developer experience by extensively documenting and QA testing platform, creating over 200 pages of technical documentation along with comprehensive user guides.
- Optimized UI/UX, and ensuring compliance with government AODA accessibility standards.

Pack N Rail   **Summers, 2021 & 2022**

Secretary   *Burlington, ON*

- Maintained office productivity by managing phones and emails, purchasing office equipment, creating invoices and purchase orders, filing paperwork and General IT/computer help.
- Increased client retention by actively communicating with customers so our service could best suit their unique needs.
- Increased productivity by reorganising the filing system to better reflect frequent access to archival purchase orders.

NOTABLE PROJECTS

Wishify.ca   **April 2025**

Full stack React website   *St. Catharines, ON*

- worked in a small team as the Lead backend developer and product owner of Wishify. A full stack React website to make gift giving easier.
- Designed, implemented, and extensively tested the entire back-end architecture, including entire RESTful API.
- Implemented and integrated third-party services such as Stripe, Mailgun, and OAuth, enhancing system functionality and user experience.

NicholasParise.com   **August 2024**

Static Angular Portfolio   *Burlington, ON*

- Independently built a static Angular website to show off my interests, projects, and to learn the framework itself.
- Configured a custom VPS instance on Oracle Cloud Infrastructure, setting up a Linux server environment to host the portfolio, ensuring optimal performance, reliability, and security. Gaining valuable hands-on experience with cloud deployment.

Campus navigation app   **April 2024**

Android App   *St. Catharines, ON*

- Collaborated with a peer to develop a GPS-enabled android app, simplifying navigation within Brock University's campus and enhancing accessibility for new students and visitors.
- Integrated Esri ArcGIS Runtime API for offline mapping, leveraging MapView and GraphicsOverlay to display geospatial data and support real-time navigation.
- Processed and georeferenced building data using ArcGIS Pro, converting PDFs into geospatial layers for accurate mapping.