Nicholas O'Reilly-Cross

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EDUCATION

University of Windsor — Windsor, ON
Bachelor of Computer Science — *Expected May 2026*

Lambton College of Applied Arts and Technology — Sarnia, ON
Diploma in Computer Programming - **Graduated with Honours** — *Sep. 2021 – May 2023*

SKILLS

Languages: Java, Python, C#, SQL, JavaScript, Swift, HTML/CSS, JSON

Frameworks/Libraries: React, Node.js, Express, JUnit, .Net, jQuery, Spring Boot, Selenium, Bootstrap

Developer Technologies: Git, GitHub, Docker, AWS, VS Code, Visual Studio, MongoDB, MySQL, Azure, tKinter

Concepts: Cloud Monitoring, Agile, SCRUM, DevOps, Cloud Deployment, SDLC, CI/CD, Containerization, Cloud Storage

EXPERIENCE

Freelance WordPress Developer — Nov. 2022 – Apr. 2023
Enactus Lambton — *Sarnia, ON*
- Fostered strong partnerships with community leaders and stakeholders to capture their requirements and guarantee that the website content accurately reflected the organization's objectives and mission.
- Engineered and crafted a visually appealing and user-friendly website that effectively communicated the organization's message and showcased its initiatives.
- Empowered staff members by providing comprehensive training on website updates and maintenance, equipping the organization with the tools necessary for seamless management of their digital presence.

Phone Interviewer — Feb. 2022 – Jan. 2023
AdHoc Research — *Sarnia, ON*
- Demonstrated adaptability by rapidly acquiring and integrating new skills into daily tasks, thereby boosting efficiency and productivity.
- Showcased exceptional performance under pressure by effectively managing tight deadlines in a fast-paced environment.
- Employed critical thinking and analytical skills to dissect complex problems, assess potential solutions, and make informed decisions.

PROJECTS

SpendSense | *JavaScript, Node.js, Express.js, React, MongoDB, Docker, Git, Plaid API* — January 2023 – Present
- Engineered an end-to-end budgeting platform utilizing MongoDB, Express.js, React, and Node.js, showcasing proficiency in full-stack development.
- Developed a RESTful API with Express.js, enabling seamless CRUD operations for transactions and budgets within the application.
- Leveraged React to construct a responsive and interactive frontend, enhancing the user experience through real-time visualization and manipulation of budgets and transactions.
- Employed Git for efficient source control, ensuring optimal code management and collaboration.

Inventory Management Application | *Java, JavaFX, Node.js, JavaScript, Express, Git* — October 2022 – December 2022
- Engineered a comprehensive full-stack desktop application, integrating Node.js on an AWS EC2 backend instance and a JavaFX frontend for seamless inventory management.
- Employed Mongoose ODM for efficient modeling and interaction with the local MongoDB database, ensuring a robust data management system.
- Devised and implemented a RESTful API to enable seamless CRUD operations for inventory items, enhancing the application's overall functionality.

PROFESSIONAL CERTIFICATIONS

Supervised Machine Learning: Regression and Classification | *DeepLearning.AI, Stanford Online* — May 2023