NICHOLAS CARVALHO

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SUMMARY

Software Developer with 3+ years building enterprise applications and scalable backend systems. Experience developing APIs, database solutions, and front-end applications using React, JavaScript, and TypeScript. Looking to contribute technical skills while growing in a collaborative development environment.

EXPERIENCE

Tigercat Industries Inc.   **October 2022 – July 2025**
Web Applications Developer
Paris, ON

- Built enterprise web portal using C#/.NET Core and MySQL serving 200+ users across 15+ organizations with role-based access control and object-oriented design patterns
- Improved application response times by 40% through MySQL query optimization and strategic indexing, demonstrating strong database fundamentals
- Implemented CI/CD pipeline with Azure DevOps achieving 60% reduction in deployment time while gaining hands-on cloud platform experience
- Developed cross-platform React Native application deployed to 30+ field technicians with offline data storage and real-time synchronization
- Created JavaScript dashboards with SignalR for real-time data visualization and backend API integration using RESTful services
- Designed and developed backend APIs with Node.js experience and .NET Core, using clean, maintainable code practices

EDUCATION

Sheridan College   **April 2022**
Computer Programming Diploma (GPA: 3.8 / 4.0)

- **Relevant Coursework:** Object-Oriented Programming, Data Structures & Algorithms, Database Design, Web Development

TECHNICAL SKILLS

Programming: JavaScript, TypeScript, HTML5, CSS3, SQL, C#
Frameworks: React, Node.js, React Native, .NET Core
Databases: MySQL, SQL Server - query optimization and performance tuning
Systems: Azure DevOps, Git version control, REST APIs, CI/CD pipelines
Testing: Unit testing, automated testing, cross-browser compatibility