NICHOLAS CARVALHO

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SUMMARY

Full-Stack Developer with 3+ years building end-to-end applications using JavaScript, C#/.NET, and mobile technologies. Professional experience with React Native and enterprise web development, plus personal projects in React/Node.js. Experienced shipping features from design to production with strong database skills and deployment experience.

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
- Created responsive web interfaces using HTML, CSS, and JavaScript with real-time data visualization dashboards
- Improved application response times by 40% through SQL query optimization and strategic database indexing
- Developed RESTful APIs with C#/.NET and integrated with third-party systems including Google Maps APIs for data processing
- Implemented CI/CD pipeline with Azure DevOps reducing deployment time by 60% and maintained unit testing standards
- Built cross-platform application using React Native deployed to 30+ field technicians with offline capabilities

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: React, Next.js, JavaScript, TypeScript, HTML5, CSS3
Frameworks: Node.js, C#/.NET Core, RESTful APIs, Express.js
Databases: MongoDB, 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