Todd C. McIntosh — Senior Full-Stack Engineer

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Summary

Senior Full-Stack Engineer with 10+ years of experience designing and building scalable web applications from concept to deployment. Adept at modernizing legacy systems, delivering product-focused solutions, and collaborating across teams to turn complex business requirements into performant, user-friendly platforms.

Key Skills

Node.js • TypeScript • GraphQL • REST APIs • Prisma • PostgreSQL • MySQL/MSSQL • AWS • Docker • CI/CD • Observability • Infrastructure as Code • DevOps Automation • Microservices Architecture

Professional Experience

NRI Parts Inc. — Platform Engineer (Contract)

- Contributed to ERP rebuild by writing GraphQL APIs and backend services for inventory, pricing, and consignment workflows.
- Setup backend services in Laravel, with queued tasks, and implemented unit tests with Pest
- Implemented logging and observability pipelines (Sentry, Laravel Telescope) to improve performance.
- Built front end via Next.js with Apollo client tools for GQL api requests

eLearnology — Lead Full-Stack Engineer (ClickToLearn LMS)

- Directed the rebuild of a legacy LMS into a serverless platform using React, Next.js, Prisma, and PlanetScale.
- Designed product architecture and integrated xAPI/SCORM analytics.
- Delivered subscription billing and automation flows with Stripe and Zapier.
- Led migration from .NET/MSSQL to a decoupled, scalable system with modern authentication and role management.

Parks & Recreation Ontario — Full-Stack Engineer (HIGH FIVE National Database)

- Lead effort to support and improve legacy ASP.NET C# web application
- Modernized a national certification and training platform serving thousands of organizations. • Led development of instructor dashboards, certification tracking, and compliance tools.
- Improved performance, scalability, and data integrity across a complex legacy stack.
- Partnered with stakeholders to guide multi-year modernization initiatives.

Resonance Media + Design — Principal Engineer (Consulting)

- Delivered full-stack consulting and engineering solutions across education, public sector, and e-commerce.
- Migrated legacy .NET and PHP systems to modern serverless architectures.
- Designed and deployed scalable APIs, cloud infrastructure, and CI/CD pipelines.
- Advised clients on platform strategy, integrations, and long-term architecture evolution.

Education

Undergraduate degree completed – York University