

Govind Tanda

.NET / C# Developer

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Kamloops, BC, Canada | Canadian citizen | Open to on-site, hybrid or remote across Canada

PROFESSIONAL SUMMARY

Full-stack software developer and consultant with 3 years of experience building and modernizing enterprise tax applications using C#, .NET, and SQL Server. Delivered same-day taxpayer registration, more than tripled nightly batch throughput, and owned a fraud-detection subsystem covering 1 million+ tax returns a year. Worked directly with clients and 20+ stakeholders to turn requirements into working software.

WORK EXPERIENCE

Software Consultant | Fast Enterprises

Aug 2023 - Aug 2026

E-services team | Government tax and revenue software | Proprietary frontend tooling; VB.NET, later C#; SQL Server

Taxpayer Registration and E-Services

- Overhauled the e-services registration frontend and VB.NET backend (later migrated to C#), replacing mailed verification codes that could delay account creation by up to 10 days with same-day registration.
- Built the screens and backend logic that check a taxpayer's identity details and previously filed returns before a portal account is created.
- Worked with the client to validate requirements and coordinated 10+ testers across 300+ rollout scenarios.
- Registration ratings on the user feedback form were 4.5 stars two years after launch, up from 3.0 before the redesign.

System Performance and Reliability

- Added job-scoped caching that more than tripled average nightly batch speed, from 1,300 to 4,000+ items per minute (30-day averages before and after the change).
- Optimized SQL queries behind real-time, user-facing workflows, cutting response times for the slowest operations from about 3-4 seconds to near-instant.
- Moved 20+ queries that didn't need real-time results out of user-facing workflows and into overnight batch jobs, reducing peak-hour database load.
- Fixed a third-party payment redirect failure behind 6-8 support tickets a month, ending manual payment tracing.

Fraud Detection and Modernization

- Owned the fraud-detection subsystem at a state revenue agency processing 1 million+ tax returns a year; added rules, review buckets, and actions that help auditors investigate flagged returns.
- Delivered annual fraud-system updates that met regulatory and security requirements across three departments.
- Mentored a developer for one year until they could maintain the subsystem and handle the annual updates on their own.
- Converted 40+ VB.NET projects to C# across fraud, e-services, and returns systems; documented business rules and refactored legacy code to reduce migration risk.

1099 Tax Reporting Design

- Translated requirements from 20+ stakeholders into development specifications and proposed a pipeline for XML ingestion, data-warehouse transformation, and IRS export; scoped the initial release to the required XML format. The client approved the design, and a developer I mentored implemented it with my guidance.

SKILLS

Languages: C#, SQL, JavaScript, TypeScript, VB.NET, HTML, CSS

Frameworks/Libraries: .NET, ASP.NET Core, REST APIs, Entity Framework Core, React

Databases: SQL Server, PostgreSQL

Tools/Testing: xUnit, Git, SSMS, Swagger

Methodologies: Agile software development

EDUCATION

Bachelor of Computing Science | Thompson Rivers University | 2018-2022