

Govind Tanda

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Kamloops, BC, Canada | Canadian Citizen

PROFESSIONAL SUMMARY

Full-stack software consultant with 3+ years of experience building and modernizing enterprise tax systems using C#, .NET, and SQL. Experienced in fraud detection, legacy modernization, performance optimization, and leading cross-functional initiatives with government stakeholders.

EDUCATION

Bachelor of Computer Science, Thompson Rivers University | 2018-2022

SKILLS

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

Frameworks/Libraries: ASP.NET Core, Entity Framework Core, React, Node.js, Express.js

Databases: SQL Server, PostgreSQL

Tools: Git, SSMS, Swagger/OpenAPI, xUnit

Methodologies: Agile software development

WORK EXPERIENCE

Software Consultant | Fast Enterprises

2023-2026

A leading provider of software and consulting services for government agencies specializing in tax and revenue solutions

Taxpayer Registration System Overhaul

- Led the complete redesign of the taxpayer registration system, replacing mail-based verification that could take up to 10 days with real-time authentication.
- Partnered directly with the client to validate requirements throughout development and guide implementation decisions.
- Coordinated 10+ testers in executing more than 300 test scenarios, supporting a successful rollout.
- Presented the new system to multiple tax commission departments, supporting adoption and helping resolve taxpayer registration issues.
- Increased taxpayer satisfaction ratings for registration requests from 3.0 to more than 4.5 stars.

System Performance and Reliability

- Implemented job-scoped caching that increased average nightly batch-processing throughput from 1,300 to more than 4,000 items per minute, based on 30-day averages before and after implementation.
- Optimized SQL queries supporting real-time workflows, substantially reducing response times for previously slow user-facing operations.
- Moved more than 20 non-time-sensitive database queries from user-facing workflows into overnight batch processing, reducing peak-hour database load.
- Diagnosed and resolved a third-party payment redirect failure that generated 6-8 monthly support tickets, eliminating manual payment tracing.

Fraud Detection and E-Services Integration

- Owned the fraud-detection subsystem supporting a state revenue agency processing more than 1 million individual and business income tax returns each year.
- Delivered fraud-detection enhancements that helped audit teams identify returns requiring investigation.
- Conducted on-site discussions with three stakeholder departments to align system updates with compliance and security requirements.
- Mentored a new developer for one year, preparing them to independently maintain the fraud-detection subsystem and implement annual regulatory updates.

Codebase Modernization and Migration

- Converted 40+ VB applications to C# across fraud, e-services, and returns subsystems.
- Refactored legacy code and documented VB business rules, reducing migration risk and simplifying future troubleshooting and maintenance.

1099 Tax Reporting and Stakeholder Coordination

- Translated stakeholder requirements into development specifications and facilitated meetings with 20+ stakeholders to align scope and timelines.
- Evaluated 1099 upload formats and defined an end-to-end pipeline for XML ingestion, data-warehouse transformation, and IRS export.
- Scoped the initial release around the IRS-required XML format, deferring optional text and Excel uploads to prioritize compliance.