

I am a seasoned Application Developer professional with extensive experience in the Retail, Banking and Insurance verticals. I have gained experience through progressive Application Development positions over the years working for some of the best industry leader companies, as well as providing services through my own consulting firm.

My Recent Projects

Remote for Nissan. Activating your car accessories remotely from your phone is now a reality.

The **Remote for Nissan** allows you to activate several accessories from your car remotely. You can turn on the head lights, sound the horn and lock/unlock doors without touching your car keys.

Connecting to specific vehicles via OBD ELM WIFI connection.

<https://itunes.apple.com/ca/app/remote-for-nissan-obd2/id821598835?mt=8>



EG Drive For Toyota! (This app is currently under review and will be available soon)

Eco Green Drive is the ultimate tool to help people improve their driving habits and enhance fuel efficiency.

It reads the fuel consumption data from the car computer in real-time, improving the reading accuracy, since fuel economy applications on the market estimates the fuel consumption rating by reading the air intake.



Professional Summary

- 6+ years of experience in Native iOS Development;
- Specialties in iOS Application Development, Software Development Lifecycle processes, Agile methodology, with proficiency in Xcode, IOS developing with Swift and Objective C;
- Interacting with stakeholders for requirement gathering, risk assessment, finalization of technical specifications
- Extensive experience in the development, implementation and integration of strategies within a team oriented environment, utilizing quantitative and qualitative analytical skills
- Extensive experience to analyze and document business requirements and system functional specifications including use cases
- Experience in web services consumption such as REST, XML and JSON.
- Experience in using storyboard, instrument tools in Xcode.

Mobile Development Skills

iOS / Swift / Objective-C

Core Data, iOS Extensions (Apple Watch)

Push Notifications (Rich Push Notifications)

In-App Purchases, MapKit,

Web Services, REST, SOAP, XML and JSON
Consumption

Other Development Skills

C#, VB.NET, VB 6

ASP.NET

SQL Server, SSIS, MY SQL, RDBMS

Business Analysis, Software Re-Design, Re-Engineering

Software Development Life Cycle and Design Patterns

Education

Catholic University - Brazil - 1998 Computer Science

Training/Certificates

iOS 6 Professional iOS Coding (Splice Training – Toronto)	Oct 2012
Cocoa/Objective-C for Mac OS (Big Nerd Ranch – Atlanta-GA)	Jan 2010
Managing Multiple Projects, Objectives and Deadlines (Skillpath Seminars)	Aug 2004
Web Applications using Microsoft Visual Basic® .NET	Apr 2005
C/C++ Programming Language (Toronto)	Oct 2000
Implementing a Database Design SQL Server	Mar 1998
Mastering Visual Basic 5.0	Jan 1998
Visual Basic Fundamentals 5.0/6.0	Sep 1997
Systems Administration for Microsoft SQL Server 6.5/7.0	Aug 1997
Fox Pro for Developers, Clipper, Advanced Basic Programming	1986–1995

Professional Experience

RBC Royal Bank of Canada – Senior iOS Developer

June 2015 - Present

RBC Wealth Management (April to September 2020)

- Helped identify and implement improvements in the WMO Application project, such as being able to run the application on Simulator;
- Implementing some improvements in the Merge Requests review and merge processes;
- Lead early stages of rebuild Security Framework from Objective-C to Swift, helping debug and document the login process identifying all the 3rd party frameworks and libraries used;
- Worked on defects and implementation of features as well, under an agile environment.

RBC Banking (January 2016, February 2020)

- Implementation of 2 Way Fraud Alerts for RBC Mobile Banking;
- Implemented Inbox Alerts connecting with Sales Force for both data and also Push Notifications;
- Implementation of e-Statements, document view and management in app;
- Implementation of dynamic Marketing Tiles for RBC internal campaigns;
- Implementation of Google Analytics allowing collection of application usage;
- Re-design of Push Notification registration and consumption preparing the app for multiple PN sources;
- Lots of refactoring for legacy Objective-C code to Swift;
- Application maintenance, fixing issues from OS upgrades;
- Created Proof of Concept for Rich Push Notifications;
- Worked on Apple Watch extensions for RBC Accounts balance and branch location;
- Maintenance of Application on both UI and Framework sides;
- Developed a dynamic UI for Payments, Inbox Alerts and a POC Rich Push Notifications;
- Application maintenance, fixing issues from OS upgrades;

RBC Wallet (June to December 2015)

- Worked on early design and development of framework for RBC Wallet;
- Responsible for creating and maintaining framework with SOAP requests;
- Implemented third party frameworks for dealing with responses in both JSON and XML;
- Worked on designing on User Interface following guidelines from UI/UX department;

Lim4 Consulting - Contractor

Aug 2014 to Present

- iOS Frameworks: UIKit, CoreGraphics, CoreData, CoreAnimation, iAds.
- Designed and developed native iOS applications using CoreData with lightweight migration;
- Local Push Notifications and Calendar access. JSON files, integration with Facebook SDK integration using graph customized stories, DropBox SDK for file retrieval.
- Managing Project implementations/Deployments.
- Developed the communication between iOS application and web-services.
- Quality assurance for all the Apps.
- Specification gathering and full SDLC.

Technical environment: Xcode, Swift, Objective-C, iOS, UIKit, CoreData, CoreGraphics, iAds, CoreAnimation, JSON Files.

Symcor Inc. – Application Developer

Mar 2012 to Aug 2014

- Working at **Symcor Inc.** Hired for the Cash Management Department, helping on application migrations to new PCI Environment (Payment Card Industry).
- Responsible for all specification gathering, development and unit testing of legacy applications and also new ones.
- Application updates from .NET Framework from 2.0 to 4.0. Also removing deprecated classes such as Oracle Client Connection, updating to ODP.NET (Oracle Data Provider).
- Designed and developed Application and Windows service for Image Files Transfer from captured cheques and stubs. New product created to offer new and existent clients in Canada.
- Specification, design, development and unit testing for new Volume Capture System (billing system) for Cash Management department to comply with new PCI standards.
- Responsible for re-design of many key applications in .NET using Crystal Reports and .NET Report Viewer, gathering data from Oracle Databases;

Technical environment: Visual Studio, .NET Framework 4.0, Oracle 11g, C#.NET, SQL Server, JIRA, SharePoint, SVN.

Environment Canada – Software Developer

Jan 2012 To Feb 12012

- Working for **Environment Canada**, converting a legacy species monitoring and management application into an intranet ASP.NET web application with SQL Server 2008.
- Responsible for all specification gathering, development and unit testing.
- Developed all new views, table functions, stored procedures and verified all data integrity for the database upgrade.
- Used ASP.NET AJAX Control Toolkit to create a rich user experience.

Technical environment: Visual Studio, C#.NET, ASP.NET, AJAX, SVN

John Deere Financial – Software Developer

- Worked at **John Deere Financial**, as a Senior .NET Application Developer working on multiple tasks including XSL and XML integration for document creation for B2B integration. Also re-writing SQL Server DTS Packages to SSIS moving from SQL 2000 to SQL 2008.
 - Configuration of financing web site using third party software (Rapport) for performance enhancement.
 - Document creation using XSL, converting XML files into PDF documents under the Apache FO engine.
 - Re-writing SQL Server DTS packages from SQL Server 2000 into SQL Server 2008 SSIS with VB.NET for data manipulation.

Technical environment: MS-SQL Server, VB.NET, Apache FO, Altova XML

Symcor Inc. – Application Developer

Dec 2010 to Jul 2011

- Worked at **Symcor**, as a Senior Application Developer lending expertise in database configuration, legacy systems maintenance and application development.
 - SQL Server 2000 database configuration and setup for new clients.
 - Developed new applications for data manipulation and validation using Visual Basic .NET.

Technical environment: Visual Studio, .NET Framework 2.0, Oracle 11g, VB.NET, SQL Server, JIRA, SharePoint, SVN.

TD Canada Trust – Database Developer

Sep 2009 to Dec 2010

- Worked at **TD Canada Trust**, Small Business Department, on different marketing projects.
 - Designed and developed process to identify and reach client prospects based on geographical analysis using SQL Server to store and manipulate data flow.
 - Analyzed campaign results identifying success rates using customized process in VB.NET for data analysis and reporting.
 - Created automated reports for more accurate campaign results.
 - Developed data warehouse for storage and tracking of client vs. prospects analysis in SQL Server.
 - Developed database for small business banking, tracking clients/franchises monthly investments using MS Access 2000 for portability.

Technical environment: Visual Studio, .NET Framework 2.0, MS SQL Server, VB.NET, MS Access

Symcor Inc. – Application Developer

Nov 2005 to Sep 2009

- Served as Application developer for two departments, started with ATM capturing and processing, later moved to Canadian Remittance.
- Lead development team of 3 developers on analysis and development of Retail Extraction application, using VB.NET 2.0 and Oracle database. The application was designed to extract data from captured retail payments across multiple sites in Canada and transform the results in accordance to clients' specifications.
- Analyzed, developed code, tested and implemented changes of broad scope, great complexity and long duration. Migrated legacy applications (OS/2 + Visual Age) to new platforms using VB.NET and SQL Server 2005, creating up to date, documented application under new optimized development code.
- Suggested and implemented changes to establish methods and procedures, suggested alternative solutions and new methods to improve quality and increase productivity.
- Participated in the resolution of problems in the change management process.
- Maintained technical documentation including process work flow and error recovery procedures.
- Liaised with subject matter experts, other development teams, implementation support and production support staff to define technical specifications.
- Provided implementation and post implementation support to establish methods and procedures, suggests alternative solutions and new methods to improve quality and increase productivity.

Technical environment: Visual Studio, .NET Framework 2.0, Oracle 9, VB.NET, SQL Server, JIRA, SharePoint, SVN.

Assante Wealth Management – Database Developer

Apr 2004 to Nov 2005

- Managed databases utilizing information from various sources across Assante Canada and with occasionally differing common denominators using MS Access for front end data view and manipulation connected to SQL Server databases via ODBC for data storage.
 - Managed Ongoing data feeds as required from all sources (including larger decision-support database with I.T.) as well as ongoing data requests. Determined and documented required data sources and the specifications from each (variables, definition, file layout, etc) and then negotiated services level agreement with each source encompassing specs, platform, frequency, timing, and accuracy of data.
 - Ensured that all possible quality control checks were in place prior to sending the data to end-users making sure of the data accuracy.
 - Assisted in the automation of numerous reports using crystal reports in order to minimize efforts involved in producing reports and to maximize available efforts in performing analyses.
 - Assisted in the creation of a web-based platform for report distribution on automated reports as is appropriate.
 - Acted as a leader in integrating new technologies into the department that would enable automation of our systems and expand analysis and modeling capabilities.
 - Was always available for ongoing ad hoc work in supporting groups across Assante Canada.
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