

# ROGER BARNES

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Plano, TX | (469) 867-3005 | [roger@barnesbunch.org](mailto:roger@barnesbunch.org)

## PROFESSIONAL SUMMARY

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- Extensive experience in full cycle development including analysis, application and back-end database design, deployment, testing, documentation, implementation and maintenance in client/server desktop and web-based environments.
- Developed reports and custom data integrations for CRM, healthcare recruiting and staffing, quality assurance and case management. I also gained extensive experience with ETL, import/export and SSIS using SQL Server.
- Collaborative, solutions-driven professional dedicated to staying current with new technologies and applying them to meet organizational needs.
- Industry experience with insurance services, healthcare recruiting/staffing/scheduling and government service.
- Five years of experience working in an Agile/Kanban workflow environment.
- Well regarded communication and presentation skills.

## TECHNICAL SKILLS AND ABILITIES

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Languages: C#, VB, .Net Framework 4.x and Core 6, T-SQL  
DBMS: Microsoft SQL Server, Informix  
Script: Javascript, AJAX, Ext-JS  
User Interface: Desktop Winforms, HTML, CSS  
Servers/Hosting: IIS, Apache, Jakarta-Tomcat, ColdFusion  
Operating Systems: Windows 10, Windows 7, Linux  
Hardware: Dell, HP, Intel-based PCs  
Other Tools: Visual Studio 2019, 2017 and 2015, Telerik ASP.Net Controls, Telerik Reporting Tools, Dreamweaver, Sublime, Microsoft Test Manager, Tortoise Subversion, Team Foundation Server, Microsoft Reporting Services, Crystal Reports Designer and Service API

## EXPERIENCE

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### 2017 – Present **Senior .Net Developer, Zywave Corporation**

- Develop and maintain in-house CRM application and other related applications.
- Design and develop using Visual Basic, C# and HTML and Javascript.
- Develop and maintain the CRM SQL Server database backend.

### Applications Developed:

- Developed in-house CRM Winforms desktop application written in VB.Net and C#.Net to:
  - o Coordinate agency, contact and prospect lead management.
  - o Provide sales order, work order, manual invoice and payment entry.
  - o Manage CSM/Sales pool/SDR rotation and customer retention.
  - o Manage source control with Team Foundation Server.
  - o Develop and maintain custom scheduled and ad-hoc reports for production, finance/accounting, sales, marketing and financial analysis.
  - o Develop SQL database tables, views, queries, CTEs, stored procedures, functions, and triggers.

- SOAP Web Service for CRM database (VB)
  - Provides a portal for company website access to the CRM database.
  - Processes new agency product leads and prospects feed from the company website.
- SOAP Payment XP Integration (C#)
  - Pushes payment transactions to the PaymentXP Service through their API.
  - Securely stores customer credit card and bank routing details in the host service.
- Marketo REST API Integration (C#)
  - Uploads prospect product leads and activity from CRM to Marketo through their API.
  - Updates support notes and incident contact lead details.
- Avatax REST API Integration (C#)
  - Retrieves tax rates from their API.
  - Pushes sales order, work order and invoice transactions to service.
  - Provides accounting/financial reporting on all activity.
- Jira REST API Integration (C#)
  - Sends customer support notes, updates, and incident resolution to Jira through their API.
- Windows Service for Invoice Creation and Distribution (VB)
  - Creates and stores invoice PDF documents.
  - Handles Email delivery of invoices and notices to customers.
  - Logs events and reports on process status via email and MSMQ.
- TurboRater insurance rater web application (C# and Javascript)
  - Provides insurance rates for auto, home, motorcycle lines of business.
  - Multiple clients included The General, Gainsco, AAA, etc.
  - Programmed state-specific modules for multiple providers using C# and Javascript.

**2011 – 2017                      Software Engineer, *Healthcare Source (formerly GE Healthcare)***

- Created and maintained custom integrations for the flagship recruiting/staffing/scheduling and credentialing applications used throughout the healthcare industry.
- Designed and developed web services and software extensions for existing codebase providing tailored functionality for select clients.
- Developed using Coldfusion, C#.Net, SQL Server, Adobe Dreamweaver, Visual Studio, HTML, CSS, JavaScript, Ext-JS control suite and Ajax.
- Developed custom data exports for integrators like Quickbooks, ADP, Ceridian and Great Plains.
- Utilized Agile and Kanban with Rally/CA Agile Central to coordinate workflow.
- Managed version control with Tortoise Subversion.
- Maintained automated coded UI tests using Visual Studio 2015.
- Developed and automated unit tests using Coldfusion, MXUnit and Ant.

**1991 - 2011                      Programmer/Analyst, *U.S. Bankruptcy and District Courts, Northern District of Texas***

- Administered version control with Team Foundation Server.
- Built web applications using ColdFusion, VB.Net and C#.Net using Visual Studio and Adobe Dreamweaver.
- Maintained legacy client/server applications written in Visual Basic and Borland Delphi.
- Managed SQL Server and Informix databases.

## **EDUCATION**

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1984 – 1987 Bachelor of Business Administration – Management Information Systems, Texas Tech University in Lubbock, Texas

1982 – 1984 Associate of Science – Data Processing, Vernon Regional Junior College in Vernon, Texas