

CAROL S. BARNES

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SOFTWARE AND SQL DEVELOPMENT

STRENGTHS / HIGHLIGHTS

- Educated and experienced IT professional with background in software engineering and SQL development.
- Familiar with all phases of software development life cycle (SDLC) including analysis, design, implementation, testing, and maintenance.
- Client-focused approach from requirements to solutions.
- Articulate communicator who can effectively interact with technical staff, business teams, and clientele.

TECHNICAL PROFICIENCIES

DATABASES:	SQL Server since 1998 using T-SQL, stored procedures, and transactions, some Oracle
TOOLS:	<u>Microsoft</u> : Visual Studio .NET with Team Foundation Server (TFS), SQL Server Management Studio (SSMS) including SQL Server Profiler, Business Intelligence Development Studio (BIDS), DTS and SQL Server Integration Services (SSIS), SQL Server Reporting Services (SSRS) <u>Redgate</u> : SQL Compare, SQL Data Compare, SQL Source Control, SQL Search <u>Idera</u> : SQL Permissions Extractor, SQL Diagnostic Manager <u>Other</u> : AutoMate BPA Server
LANGUAGES:	.NET (C#, ASP.NET, VB.NET), JavaScript, Classic ASP using VBScript, HTML, CSS, XML, ColdFusion, C / C++, UNIX scripts, others
METHODOLOGIES:	Traditional, Iterative
OPERATING SYSTEMS:	Windows, UNIX
TECHNICAL WRITING:	Microsoft Word and Excel, Adobe Photoshop

PROFESSIONAL EXPERIENCE

Database Administrator and Data Services Operations Support

8/2013-10/2016

National Bankruptcy Services, LLC (consulting and employee)

- Supported the Director of Data Services by performing general database administrator functions.
 - Reviewed developer SQL, SSIS packages, SSRS reports, and documentation for frequent software releases, and deployed per the documentation, often on a very tight schedule.
 - Performed routine and by-request database backups and restores to support software development.
 - Assisted users with access permissions while adhering to company security policies.
 - Responded to frequent user requests for database information and data insertion to support company and vendor software, general inquiries/requests, and reports.
 - Added/removed objects from replication to facilitate reporting.
- Provided operations support for both automated and manual tasks. The tasks typically dealt with the transfer, manipulation, and processing of data from various lending clients.
 - Wrote, tested, and maintained AutoMate workflows and tasks, and SQL Server agent jobs.
 - Did a significant amount of the training of new data services team members.
 - Authored procedural as well as standards documentation.

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Sr. Programmer Analyst

10/2012-8/2013

National Bankruptcy Services, LLC (employee)

- Served as ScrumMaster for one of three general development teams.
 - Provided programming development support using .NET C# and SQL Server. Administrative duties for task planning, status tracking, and implementation releases were also performed.
- Served as one of two technical leads for a 2-team project called Payment Analyzer which enabled mortgage-industry experts to analyze the accuracy of mortgage payments for properties in bankruptcy. The Payment Analyzer application had an ETL and console application portion which processed mortgage payment transactions for various lending clients. Transactions were then organized for display through a GUI to allow users to easily view and manipulate the transactions.
 - Became familiar with and modified the ETL and console application portion which processed mortgage payment transactions for various lending clients.
 - Systematically began moving an off-shore contracting team toward consistency with best practices and company standards.
 - Handled technical administrative issues related to implementation releases which were scheduled by the program director.

Software Developer

Optimum Return, LLC (consulting)

**8 assignments: 7/2014-11/2014, 11/2010-12/2010,
10/2009-12/2009, 4/2009-5/2009, 9/2007-2/2008,
1/2003-3/2003, 12/1999-5/2000, 4/1998-8/1998**

- Assisted software personnel of B2B and B2C e-commerce / web hosting company with programming, style, and database support related to the construction, customization, and maintenance of e-commerce websites. Client sites used ASP.NET web pages with VB.NET and SQL Server databases, as well as some Razor. A client admin assignment was developed using C#. Prior to the conversion to .NET, previous client sites used Classic ASP and SQL Server databases.

OTHER CONSULTING

- North Texas Food Bank 4/2011-10/2011
- ProVision Network 4/2006-8/2006
- Go2-Solutions 3 assignments: 6/2006, 12/2005, 11/2005-12/2005
- CompuCom Systems 4 assignments: 4/2005-9/2005, 4/2002-10/2004, 10/2000-11/2001, 8/1998-5/1999
- Nortel / Nortel Networks 3 assignments: 4/2000-9/2000, 3/1997-11/1997, 4/1995-10/1996
- MCI / MCI WorldCom 2 assignments: 8/1999-12/1999, 12/1997-2/1998
- Others

OTHER EMPLOYMENT

- DSC Communications Corporation 5/1994-3/1995
- E-Systems, Inc. 11/1987-5/1994
- ARCO Exploration Company 6/1984-9/1985
- Others

EDUCATION

- **Master of Science Degree** – Southern Methodist University, Dallas, Texas.
Major in Computer Science.
- **Bachelor of Science Degree** – University of Oklahoma, Norman, Oklahoma.
Major in Mathematics, Minor in Logic.

PROFESSIONAL ASSOCIATIONS

- Institute of Electrical & Electronics Engineers (IEEE).