

Bruce Robert Saunders

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Summary

At TVS Green Tech I provide assessment, design, programming, maintenance and support services for organizations and businesses in the marketing, engineering, architectural, child care and weatherization fields. I regularly meet with clients, respond to issues and trouble-shoot in the field.

Prior to my work at TVS Green Tech, I was a Database Administrator and Programmer Analyst at Delta Dental of Idaho for eight years and a Senior Software Engineer at ITRON, Inc. for three years.

I have considerable experience with Microsoft SQL Server and the Microsoft .NET environment, including C#.NET, VB.NET and ASP.NET. I have also worked extensively with MySQL, PHP, JavaScript, CSS, HTML and AJAX.

Experience**TVS Green Tech**

Chief Software Engineer
Boise, Idaho
May 2009 – Current

Most recently, I successfully led a re-engineering and enhancement effort to upgrade a complex weatherization program, written in Microsoft Excel, to a web-based AJAX application, utilizing a SQL Server back-end. The website was ultimately approved for production use by the U.S. Department of Energy, meeting the client's deadline.

I designed and implemented a web-based, AJAX enabled, knowledge bank for a local marketing company's client as part of a larger marketplace branding campaign. The knowledge bank is currently used to promote vital product and marketing information to sales team members, making them more effective and ultimately increasing the client's market share.

After performing a thorough technology audit, I successfully completed an IT roadmap for the modernization of a major component of the Idaho Housing and Finance Association's (IHFA) business process. The roadmap includes technology and security best practices, and utilization of Microsoft technology such as SQL Server, SSRS (SQL Server Reporting Services), SSIS (SQL Server Integration Services) and SharePoint.

I designed and implemented a modern and attractive website targeted towards child care facilities in a LAMP (Linux, Apache, MySQL and PHP) environment. The website includes a secure parent login, enabling parents to securely view their children with a real-time camera feed over the Internet. The

website has been deployed at several child care facilities, giving those companies competitive features and attracting new parents.

To increase market share for a leading structural and civil engineering company, I designed, implemented and deployed a LAMP-based website that includes a portfolio management system that enables publishing of their extensive structural and civil engineering work history to the website, as well as to downloadable PDF files.

Skills and Abilities:

- Sales to new clients
- Regular verbal and written communication with clients
- On-site and remote troubleshooting
- Database design, optimization, programming, security and maintenance
- Microsoft best practices
- Software design, implementation and maintenance
- Windows based web and server development in VB.NET, C#.NET, ASP.NET and Microsoft SQL Server
- LAMP-based web and server development in PHP and MySQL
- JavaScript, HTML, CSS, XML, AJAX, Flash, PDF, Word, Excel, graphics

Delta Dental of Idaho

Database Administrator / Programmer Analyst

Boise, Idaho

April 2001 – May 2009

At Delta Dental, I led many projects ranging from modifications and enhancements to existing software systems, to extensive engineering of next generation software systems – internally and on the web.

Development cycles were aggressive and I was successful at meeting deadlines with low error rates and keeping stakeholders informed of progress. My contributions enabled the business to respond rapidly to ever-shifting market demands.

Skills and Abilities:

- Microsoft SQL Server 2000 - 2008 installation and administration
- Extensive Microsoft SQL Server 2000 – 2008 Transact SQL programming
- Database design utilizing Embarcadero ER/Studio 8
- Extensive Microsoft Visual Basic .NET 1.0 – 3.5 programming for the web and PC platforms
- Microsoft Office SharePoint
- Microsoft Office Word, Excel, Power Point, Visio, Outlook and Access
- Microsoft Dynamics SL
- Microsoft Windows network administration
- Hardware procurement and installation
- Extensive software design documentation, process documentation, and other business documents for internal and external customers

Itron, Inc.

Senior Software Engineer / Team Leader

Boise, Idaho / Spokane, Washington

June 1997 – March 2000

As a Senior Software Engineer at Itron, I was responsible for design, implementation, enhancements and maintenance of complex software systems that support Automatic Meter Reading (AMR) devices. The AMR devices were deployed in the field and communicated over the telephone network using telephony.

I led a team of engineers in creating next generation software with a Microsoft SQL Server back-end and a Microsoft Visual C++ front-end.

I performed extensive software design documentation utilizing Unified Modeling Language (UML).

I successfully completed classes in project management and Microsoft Visual C++ object-oriented programming.

Because of my work, the company was able to expand into telephone-based AMR markets previously unavailable to them.

Skills and Abilities:

- Microsoft SQL Server Transact SQL programming
- Microsoft Visual Basic programming and maintenance
- Microsoft Project
- Microsoft Office
- Rational Rose

Idaho Department of Transportation, Intern

Programmer

Boise, Idaho

1995 – 1997

As an intern at the Idaho Department of Transportation, I was responsible for creating and maintaining several internal applications utilizing Microsoft Visual Basic and Microsoft Access. I was responsible for troubleshooting existing applications written in a variety of programming languages.

The software that I created and maintained for ITD enabled them to increase their productivity levels and respond to their clients in a timely manner and with greater accuracy.

Education

- Bachelor of Science in Computer Science from Boise State University, May 1997.
- Associates of Arts in Philosophy from Boise State University, May 1997.