

# Justin B. Michaels

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## OBJECTIVE

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Seeking a challenging position in which I can utilize skillset to assist an organization in creating superior products, while continuing to acquire and develop professional skills.

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## TECHNICAL SKILLS

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### Platforms

- Windows (98, 2000, NT, ME, XP, Server 2003, Server 2008 R2, Vista, 7), Red Hat Linux

### Languages

- C#, VB.NET, PL/SQL, T-SQL

### Practices

- Test Driven Development, Agile Methodologies (SCRUM), Object Oriented Design

### Technologies

- ASP.NET (2.0, 3.5, 4.0), ASP.NET MVC (1.0, 2.0, 3.0), ASMX Web Services, WCF Services, jQuery, HTML/DHTML/ CSS, SOA, XML/XSLT, Javascript/Ajax, Regular Expressions, Unity, SQL Server Reporting Services Server and Local Reports, Crystal Reports

### Tools

- MS Visual Studio (2003, 2005, 2008, 2010), Toad for Oracle, Eclipse, SQL Server Management Studio, IE Developer Toolbar, Firebug, Team Foundation Server (2008, 2010), Subversion (AnkhSVN, TortoiseSVN), MSTest, Fiddler, Internet Information Services (6.0, 7.5), MS SQL Server Distributed Transaction Coordinator

### Databases

- MS SQL Server 2000/2005/2008 R2, Oracle 9i
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## EXPERIENCE

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### Lead Software Engineer/Architect

**Blue Goat Technologies;** Pittsburgh PA

September 2010 – Present

- Performing as the technical lead I designed, developed and unit tested [Labor Tracks™](#), a management and grievance tracking system, using ASP.NET MVC 3.0, SQL Server 2008 R2 and Entity Framework 4.3.1.
- Gathered and prioritized functional requirements from clients and perspective clients.
- Determined best practices for development and unit testing.
- Mentored developers regarding development best practices.
- Performed onsite demonstrations for prospective and current customers.
- Led the research and recommend a hosting company for our web applications.

### Software Engineer

**University of Pittsburgh Financial Information Systems;** Pittsburgh PA

October 2008 – Present

- Performing as the technical lead I designed, developed and unit tested a data aggregator tool that tracks around \$4 million dollars of outstanding checks using ASP.NET MVC 3, SQL Server 2008 R2 and Entity Framework 4.3.1. This intranet application gathered data from an outside oracle 11g database, flat files stored on a Samba share and generated excel files to be used for a third party unclaimed property compliance system, UPEXchange.
- Headed the design and development of a registration and XML data converter tool that supports around 35,000 people using ASP.NET MVC 2.0, SQL Server 2008 R2 and Entity Framework 4.0.
- Performing as the technical lead I designed and developed a license management system using ASP.NET MVC 2.0, SQL Server 2008 R2 and Entity Framework 4.0.

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**EXPERIENCE (cont'd.)**

- Led the research and recommended the use of Entity Framework 4.0/POCO template for future applications. It was decided this would help reduce development time because of less time spent writing ADO.NET code for database interactions.
- Spearheaded the research and recommended ASP.NET MVC for use on future web projects in order to implement unit testing and to help gain more control over the look and feel of our web applications.
- Researched and recommended the use of Database Projects with all past, current and future applications in order to source control our databases.
- Collaborated with another developer on the design and implementation of a scheduling system using ASP.NET 3.5 SP1, SQL Server 2005, SSRS Local Reports and LINQ to SQL.
- Collaborated with another developer on the design and implementation of an inventory management system using ASP.NET 2.0, ADO.NET, Crystal Reports and SQL Server 2005.
- Re-wrote a console application that generates a HTML page based on data retrieved from an Oracle 11g database to be used on an Apache server using VB.NET.
- Updated a 2.0 WinForms Application user interface along with fixing some nonfunctioning forms.
- Converted multiple Crystal Reports SSRS Server reports for a WinForms Application that was having performance issues.

**Software Engineer**

**True Commerce;** Wexford PA

June 2007 – October 2008

- Redesigned and implemented an intranet web application used by the implementation team using C# and ASP.NET 2.0, ADO.NET and SQL Server 2005.
- Led the development of UI controls and page layout for an ASP.NET enterprise web application where requirements dictated the application to have a similar look and feel as Microsoft Outlook and function in both Internet Explorer and Firefox.

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**EDUCATION****Saint Bonaventure University**

*Olean, New York*

- B.S. Computer Science/ Business Information Systems Minor - 2007

**Microsoft Certified Technology Specialist**

*Exam 70-536*

- TS: Microsoft .NET Framework, Application Development Foundation - 2009