

Tom Theisen

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Objective: A challenging full time position where I can use and further develop my skills.

Skills	In Depth Knowledge	Working Familiarity
Programming languages	C# 4, Javascript	Python 2.7, PHP, VB.NET, ASP
Other web technologies	Asp.net (including MVC 4), HTML5, CSS3, jQuery 1.8	
Databases		MS SQL Server 2000-2005, MySQL
Other		WCF, Unit testing

Work Experience

Marshfield Clinic - Programmer / Analyst

August 2010 - Current

I developed new business- and public-facing applications.

- Patient Portal - I am currently a UI and service developer working to develop this public-facing website that patients can use to view their medical information. The team includes application and data developers, architects, business analysts, UI experts, QA, and others. The website is developed in ASP.net MVC 4. The output markup is HTML5 and CSS3, making heavy use of jQuery for AJAX and other UI enhancements. Some of the AJAX calls make use of JSON-encoded data, while others return HTML fragments to be inserted in the client's DOM.
- Radiology Decision Support - I worked as a developer on this Windows Forms application. This application is used by providers to check established guidelines for clinical appropriateness for radiologic procedures based on a patient's observed symptoms. I created the UI and supporting WCF services in C#. The product interfaced with a third party component to provide the medical information. The other data to support the application was stored in SQL Server and a proprietary database, and was retrieved using ADO.net. I coded unit tests for the WCF services to prevent business logic regressions.
- I served as a mentor to two new employees for a period of several months.

Alflight - Software Developer

October 2004 - August 2010

I had the primary responsibility for maintaining and developing a large number of intranet and desktop applications including:

- Document Management System - I designed and developed this Asp.NET application in C# using a MS SQL Server database. This application tracked a searchable index of official documents as well as managing the approval process for new revisions.
- Laser test stations - I developed several VB6 and C# applications for testing of lasers. Each application controlled a number of physical instruments such as power supplies, voltage meters, and temperature controllers.

Green Standard - Contract Software Developer

March 2009 - August 2009

I designed and implemented a project management and billing application. It was written in C#/Asp.net with a MS SQL Server 2005 database.

Wisconsin Board of Commissioners of Public Lands - Software Developer

July 2001 - September 2004

I developed and maintained business applications in VB6 using an Oracle database including a loan management application and a variety of Crystal Reports.

Education

University of Wisconsin - Madison

Fall 1998 - Spring 2004

Bachelor of Science in Computer Science - with coursework emphasizing discrete math