MATTHEW A PAYNE

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OBJECTIVE

I am a sincere, loyal and dedicated individual who has a great deal of ambition. I love to learn, and am always in search of a challenge. I get along well with others, but also work efficiently on my own. I am seeking a position where I can develop and excel while giving my best to an employer.

EDUCATION

Object Oriented Software Technology (OOST)
Sept 2004 – April 2005

University Of Calgary, Calgary, Alberta

Studies focused on application development, object-oriented design and analysis, testing, technical planning, and business case analysis. Created working prototypes for numerous web site projects and desktop applications. Languages and frameworks studied included .NET and Java.

Honours Bachelor of Science – Natural Science
Sept 1998 – April 2001

Lakehead University, Thunder Bay, Ontario

Specialized in Biogeography and animal biology. Graduated with honours.

EXPERIENCE

Mobile/Web Software Developer
July, 2009 - Present

ParkVu Inc., Waterloo, Ontario
http://parkvu.com
Technologies Employed: C#, Java, ASP.NET, AJAX, Android, NUnit, JUnit, AWS

I am currently employed as a developer for a small startup involved in both consulting and developing mobile technologies based in Waterloo, Ontario. While working for ParkVu, I have been involved several complex projects. One is an ASP.NET implementation of an extremely complex web application for the booking of high end real estate. The application takes advantage of the loose coupling and flexibility provided by Amazon's SimpleDB, S3 and SQS services. The second is a mobile application targeting Android (Google's smart phone operating system) devices that allows users to sync their iTunes media from their desktop to their smart phone without needing to physically connect the devices. This application is heavily reliant on all AWS services (SimpleDB, SQS and S3) and makes extensive use of background threads to ensure a responsive user experience. Additionally, during my time with ParkVu, I have been instrumental in helping to enhance their .NET SimpleDB library which makes programmatic interaction with SimpleDB easy. I was primarily responsible for implementing the sharding functionality (spreading data across multiple domains to aid in faster retrieval and insertions).

Owner / Developer
May 2008 – Present

Matt Payne Consulting, Kitchener, Ontario
http://mattpayne.ca
Technologies Employed: C#, Ruby, Ruby on Rails, ASP.NET MCV, RSpec, NUnit, MSUnit, VB.NET, Silverlight and others

Self-employed as a freelance software developer. Since embarking on my business, I have developed several web sites for startup organizations in Alberta and have helped several local organizations with their software

Skills

AJAX/DHTML
CSS
HTML/XHTML
Java
JavaScript
SQL
XML/XSL
Visual Basic .NET
C#
Ruby

NUnit, JUnit
MSUnit, RSpec

PostgreSQL
SQL Server
MySQL
Oracle
AWS SimpleDB
AWS SQS
AWS S3

Android

Dynamics CRM v3.0/v4.0

Sharepoint 2003/MOSS 2007

Windows Workflow Foundation

Windows Communication Foundation

Silverlight

Ruby on Rails
Sinatra

Mac OSX
Linux
FreeBSD
Windows Vista/XP

development requirements. In this time, I have had the opportunity to employ Microsoft .NET technologies (including Silverlight) and Ruby on Rails to achieve outstanding results.

Apache/Tomcat
JBoss
IIS 5 and up

Software Development Consultant

Ideaca Knowledge Services, Calgary, Alberta

http://www.ideaca.com

May 2006 – April 2008

Scrum
Agile
XP

While employed as a consultant for Ideaca, I had the opportunity to fill many roles. In most cases, I served as lead developer, although I was also technical architect on one project and business analyst on another. In most cases, I worked as a part of a team on-site with the client to fulfill their project requirements. The roles I filled while at Ideaca are described below.

Ruby on Rails Developer (2008)
Christmas Future, Calgary, Alberta

http://www.christmasfuture.org

Technologies Employed: Ruby, Ruby on Rails, Test/Spec

On this project, I worked as a developer on a large open-source framework based on Ruby on Rails which was designed as a platform for charitable organizations. I worked primarily on enhancements to the administrative portion of the application. This included user management and workflow management. I also interacted regularly with the client to determine and clarify requirements.

.NET Developer (2007)
Bayer Crop Science, Calgary, Alberta

http://www.bayercropscience.ca/

Technologies Employed: C#, XML, ASP.NET, NUnit

During this short project, I worked independently to enhance an existing integration interface used by customers of the client. I worked with the client team to ensure that the enhancements fit with the project requirements. Additionally, I enhanced the code base by practicing test driven development and as a result developed a comprehensive test suite where none previously existed.

Technical Architect (2007-2008)
Focus Geomatics, Calgary, Alberta

http://www.focus.ca/

Technologies Employed: C#, XML, ASP.NET, MOSS 2007, Dynamics CRM 4.0, SOAP, MSUnit

During this project, I filled the role of Technical Architect. The client is involved in oil and gas land surveying and had a need to integrate and enhance several pre-existing systems. I worked with the project team, which was comprised of consultants and client employees, to develop and deliver a solution specification, part of which was the new system architecture. The solution was complex and involved a host of Microsoft technologies, including MOSS 2007 (SharePoint), Dynamics CRM 4.0 and ASP.NET. Integration between solution components was achieved using SOAP-based web services. Additionally, I was heavily involved in requirements gathering and clarification. I was also involved with the development of the data migration strategy as well as with the solution rollout strategy. The project used Scrum as its Agile project management approach.

Lead Java Developer (2007)
United Farmers of Alberta, Calgary, Alberta

https://www.ufapetro.com

Technologies Employed: Java, Struts, JSP, EJB, JUnit, DTS

On this project, I was the lead developer in an effort to enhance an existing Java/Struts/JSP/EJB based web application that serviced UFA members. The application was complex and had hooks into proprietary hardware and software, including SAP. I developed an enhancement plan and ensured that it was executed successfully. I was also responsible for mentoring developers and for providing

technical guidance. Throughout this project, we employed test driven development practices and agile development approaches. I was also responsible for interacting with other members of the project team and business stakeholders to determine and clarify business requirements.

Lead .NET Developer (2006 – 2007)
EnCana Corporation, Calgary, Alberta
http://www.encana.com
Technologies Employed: C#, Windows Forms, NUnit

During this project, I lead the development effort to refactor and enhance an existing mission-critical gas pipeline construction planning application built using Microsoft .NET technologies. I worked as part of an agile team and developed and executed an enhancement plan. Additionally, I mentored and provided guidance to junior developers on the team while working with the client to ensure project requirements were being met. As a part of the refactoring and enhancement process the team was also able to add a large suite of tests to the code base, resulting in a much more reliable application.

Lead .NET Developer (2006)
Talisman Energy, Calgary, Alberta
http://www.talisman-energy.com/
Technologies Employed: ASP.NET, VB.NET, XML, AJAX, NUnit

I lead the development effort to design and implement a web-based, ASP.NET solution to manage and track employee training. I worked as part of a Scrum-driven team and was primarily responsible for mentoring junior developers and writing some of the more complicated code. The application made extensive use of DHTML and AJAX techniques to deliver a user-friendly and responsive experience. I also designed and implemented various integration points with the client's human resources software (PeopleSoft). Additionally, I served as the business analyst on this project.

.NET Developer
April 2005 – May 2006

Corus Custom Networks, Calgary, Alberta
http://www.coruscustomnetworks.ca/
Technologies Employed: C#, ASP.NET, SOAP, SharePoint 2003

While working as a developer for Corus Custom Networks, I was involved in many projects. All made use of Microsoft .NET technologies. In one case, I used Microsoft SharePoint 2003 as the backend of a knowledge management portal and built a custom user interface with ASP.NET. The interoperability was achieved using SharePoint's web service API. This application was then integrated into the corporate Intranet and provided users with an easy way to manage various business resources. As well, I wrote a Windows desktop application that was used by administrators to update SharePoint content. Additionally, I made use of SOAP-based web services to integrate many of the organization's standalone systems. I was also involved in the development of many small projects while at Corus. Create Your Own Ad,
(http://secure.coruscustomnetworks.com/createyourownad/), was one.

References available on request