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# **Software Architect**

Innovative and resourceful lead architect with 10 years of experience in transforming legacy software into easily maintainable, flexible and functional frameworks and applications. Recognized for ability to seek and capitilize on opportunities for new revenue streams for small businesses in various industries. Strong track record of meeting deadlines and exceeding customer expectations in short timeframes.

# **Areas of Expertise**

Team development and mentoring

Cross-functional coordination

Architecting large-scale software projects

• 3rd party service and module integration

Easily-maintainable and efficient code
 Legacy software transformation

# Skill Highlights

Languages C# JavaScript XML XAML XSLT XPath XQuery

**Web** ASP.NET ASP.NET MVC 3 WCF jQuery

Frameworks .NET 2-4 Entity Framework EF CodeFirst Windows Forms WPF

Frameworks TCP UDP UPnP XMPP (Jabber) NMEA 0183 (GPS) IBus Onboard Diagnostics II
Protocols Authorize.Net Braintree Cybersource PayPal Website Payments Pro PayPal Payflow

Payment APIs Pro

Web APIs Exchange 2003 Store WebDAV Facebook Google Contacts Google Talk Google Maps Visual Studio 2005-2010 SQL Server 2000-2008 SQL CE 4.0 CruiseControl.NET

Fogbugz

# **Professional History**

### **Orchid Event Solutions**

1/2007 - current

Salt Lake City, UT

Provides customized registration and housing solutions for international corporate events, including data integration, payments, lead retrieval, credentials, and onsite support.

### Senior Architect, Lead Developer, Team Lead

Software CruiseControl.NET Fogbugz SQL Server 2000-2008 SQL CE 4.0 Visual Studio 2005-

2010

Methodologies Agile Scrum

Languages C# VB.NET JavaScript XAML XML XPath XQuery XSLT Frameworks .NET 1.1 .NET 2-4 Entity Framework WPF EF CodeFirst Web Frameworks ASP.NET jQuery Microsoft Ajax Library WCF ASP.NET MVC 3

Payment APIs Authorize.Net PayPal Payflow Pro PayPal Website Payments Pro Braintree

- Took 98% uptime ecosystem and moved servers to a state-of-the-art data center to achieve 99.999% uptime. Plan was executed within maintenance window and at 5% of the expected cost.
- Created client-facing applications to allow low-budget clients to manage their own events, which
  opened a new market segment, created a new revenue stream, and reduced the workload on
  development staff
- Found unencrypted client data (including credit cards and social security numbers) and researched and implemented PCI standards using state-of-the-art encryption methods to protect
- Refactored legacy processes and software in order to reduce development time of registration sites by 90% and eliminate common sources of problems and revenue leakage

## Universal Metals

10/2004 - 1/2007

Orange, CA

Leading metal supplier for southern california industries including aerospace, government, and engineering firms.

## Senior Architect, Lead Developer

Languages C# JavaScript XML XPath C++ XSLT

Frameworks .NET 2-4 Windows Forms Microsoft Foundation Classes

Web Frameworks ASP.NET Microsoft Ajax Library jQuery

Media APIs Managed DirectX XNA OpenGL

Software Visual Studio 2005-2010 SQL Server 2000-2008 Visual Studio 6

- Presented with a company that was lean on resources, created tools to streamline work and reduce overhead.
- Lead a team of 4 developers to build internal and public tools and handle all technical aspects of the

company.

 Built a tool that allowed them to visualize cuts made to a piece of metal that could be used to verify intent.

# All Metals Engineering

3/2002 - 10/2004

Huntington Beach, CA

Government broker

Cowboy coder

Languages C++ VBA Software Access 2003

• Updated the employees from type-writers and cardboard boxes to the 21st century

 Reduced employees' work load from 10 hours a day to an hour of responding to automated emails and fax responses.

# **Additional Experience**

# MyHorseplayer.com

Orange, CA

Hosted service that aided thoroughbred handicappers with calculating statistics.

### **Chief Information Officer and Lead Architect**

Web Frameworks ASP.NET Microsoft Ajax Library

Languages C++ C# JavaScript XML XSLT XPath

Frameworks .NET 1.1 .NET 2-4 Microsoft Foundation Classes Software SQL Server 2000-2008 Visual Studio 2005-2010

• Started a new company, gathered funding and generated community interest.

• Optimized a sql database to generate complicated statistics that mined data from over 15 years of handicapping data and 2.5 million races.

### Social event site

Designed to connect people with events they would be interested in

#### Cowboy coder

Languages C# JavaScript XML XPath
Web Frameworks ASP.NET ASP.NET MVC 3 jQuery
Frameworks Entity Framework EF CodeFirst

Web APIs Facebook Google Maps

Software Visual Studio 2005-2010 SQL Server 2000-2008 SQL CE 4.0

### **XmppSharp**

Native .NET library for connecting and communicating with jabber/xmpp servers

### Cowboy coder

Languages C# XML XPath

Frameworks .NET 2-4

Protocols TCP XMPP (Jabber)

Web APIs Google Talk

Software Visual Studio 2005-2010

• Implemented RFC3920, RFC 3921, XEP-0012 and XEP-0092, and many of the Google Talk extensions

### RoadUI

Touchscreen interface for a car computer

# Cowboy coder

Languages C# XML XPath Frameworks .NET 2-4 WPF

Web Frameworks WCF

Protocols NMEA 0183 (GPS) IBus Onboard Diagnostics II

Media APIs FMOD

Software Visual Studio 2005-2010

 Enabled a computer to react to steering wheel button presses and display track remaining info on the instrument cluster LCD

## ContactSync

A library for synchronizing contact information between 3rd party APIs.

## Cowboy coder

Languages C# XML XPath

Frameworks
Web Frameworks
Web APIs
Software

NET 2-4
Entity Framework

ASP.NET jQuery
Facebook Google Contacts
Exchange 2003 Store WebDAV

Visual Studio 2005-2010

• Interfaced with 3rd party web services including facebook, exchange, and google contacts