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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 capitalize 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
- Architecting large-scale software projects
- Easily-maintainable and efficient code
- Cross-functional coordination
- 3rd party service and module integration
- Legacy software transformation

Skill Highlights

Languages	C# JavaScript XML XAML XSLT XPath XQuery
Web Frameworks	ASP.NET ASP.NET MVC 3 WCF jQuery
Frameworks	.NET 2-4 Entity Framework EF CodeFirst Windows Forms WPF
Methodologies	Agile Waterfall Scrum
Protocols	TCP UDP UPnP XMPP (Jabber) NMEA 0183 (GPS) IBus Onboard Diagnostics II
Payment APIs	Authorize.Net Braintree Cybersource PayPal Website Payments Pro PayPal Payflow Pro
Web APIs	Exchange 2003 Store WebDAV Facebook Google Contacts Google Talk Google Maps
Media APIs	FMOD Managed DirectX OpenGL XNA
Software	Visual Studio 2005-2010 SQL Server 2000-2008 SQL CE 4.0 CruiseControl.NET Fogbugz

Professional History

Orchid Event Solutions

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.

Director of Development

- 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

2004 - 2007

Orange, CA

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

Director of IT

- 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

2002 - 2004

Huntington Beach, CA

Government broker

Cowboy coder

- 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

- 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

XmppSharp

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

Cowboy coder

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

RoadUI

Touchscreen interface for a car computer

Cowboy coder

- Cross platform audio provided by FMod
- Implemented GPS protocol for handling navigation
- Implemented IBus protocol for communicating with supported cars (BMW's and Minis)
- Implemented OBD-II protocol for car diagnostic information

ContactSync

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

Cowboy coder

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