Derek Strickland

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# Skills:

C#, ASP.NET MVC, Javascript, TypeScript, HTML, CSS, SQL Server, Postgres, Objective-C, Android, Linq, Entity Framework, JQuery, Bootstrap, Knockout.js, Handlebars.js, WPF, Windows Services, Docker, Bamboo, Puppet, Mercurial, Git, Team Foundation Server, Windows, Linux, Mac OS X, iOS, Android, CoreOS, nginx, IIS

# Professional Experience

Builders IO LLC - Consultant August 2014 – Present

Developed an enterprise integration platform to synchronize vendor supplied fundraising platform with disparate University data feeds. Solution included a Domain Model, a configuration service, multiple Web UIs, custom builds scripts, and over 200 unit tests. Developed web application for athletic summer camp coaches to track the progress of student athletes over time. Developed a simple multisite web server in Go that parsed incoming Http headers and routed requests to the correct directory of static files by mapping incoming domain to directory name via convention. Deployed application to a DigitalOcean droplet running CoreOS and configured it to run as a Docker daemon.

Mobile Labs LLC - Senior Software Engineer October 2012 – August 2014

Developed an enterprise ASP.NET MVC web application running on Mono/OS X that is used by a significant number of Fortune 100/500 companies for managing and executing automated tests against a cloud of hosted mobile devices running both the iOS and Android platforms. Features included for Mobile Device Management, Mobile Application Management, Mobile Application Automated Testing, Device Reservations and Scheduling, User Administration, and System Configuration and Administration.

Surge, LLC - Solution Architect April 2011 – October 2012

Lead a team of developers, business analysts, and QA personnel through all facets of the custom software delivery process on multiple projects. Interfaced with clients from initial scope of work assessment through the delivery process. Reviewed business analyst specifications for feasibility, scope of work, and UA/UX. Developed a globalized ASP.NET MVC statistical analysis engine for validating diagnostic testing devices. Developed a server side component that allowed users to upload PowerPoint presentations which were then converted to HTML5 for online web viewing.

Independent Consultant January 2009 – April 2011

Developed interactive Silverlight map component for monitoring oil well health and productivity utilizing Telerik RadMap for Silverlight. Developed interactive Silverlight graphing component for oil well productivity visualization utilizing Telerik RadChart for Silverlight. Developed Silverlight reporting dashboard utilizing Telerik Rad Controls for Silverlight. Developed numerous workflow screens allowing county government workers to manage foreclosure documentation process electronically using ASP.NET WebForms. Converted Legacy Access application to ASP.NET MVC (healthcare). Developed a WPF Rich Client application for a call center that integrated with legacy CRM database.

Tallan, Inc. - Senior Consultant July 2008 – January 2009

Developed web services that interacted with OLAP cubes and returned custom datasets to be consumed by MS Reporting Services Reports stored in a SharePoint Portal. Developed ETL routines invoked by SSIS packages for nightly data loads to an OLAP environment.

Medcere - Software Architect September 2005 – June 2008

Designed and developed company’s flagship EHR product using C#/WinForms. The solution included a large domain model, a ClickOnce UI, and a relational model. Acted as primary liaison between development staff and business users/stakeholders in regards to requirements gathering, system design, project estimation, and release management. Wrote user and system requirements documents. Wrote production environment maintenance documents. Established development department processes and procedures including coding standards, source control standards, SDLC methodology, and code reviews.

Miva / Findwhat.com - Senior Software Developer March 2004 – September 2005

Designed application framework shared across all company .NET web applications. Converted legacy ASP 3.0 customer portal to ASP.NET 1.1. Developed a white label enabled customer portal for company’s partners. Managed deployment of software to production environment that included 100+ SQL Servers with tables containing more than one terabyte of data. Converted legacy C++ MSMQ queue processors to C#. Converted legacy VBScript based payment processing system to .NET and integrated with numerous payment processing companies. Upgraded backend systems to support internationalization to the Japanese market.

Whitney Education Group - Development Team Lead March 2003 – March 2004

Integrated proprietary systems to provide necessary supporting data for company to begin claiming over 95 million in deferred income. Lead 6 developers that developed and supported numerous Accounting, CRM, and Campaign Management applications. Converted a ColdFusion event management application to .NET. Extended proprietary software to support remote human resource tracking and management. Extended internal CRM application to track the delivery of services and goods to clients. Analyzed existing systems and optimized application performance with a 10x performance boost thus improving the productivity of all departments company wide.

Living Naturally, LLC - Senior Software Developer May 2002 – March 2003

Developed a schema synchronization component for commercially sold SmartClient application. Developed numerous portions of the product’s user interface. Responsible for the software configuration management of the installable deliverable using MSI and Orca. Integrated company’s financial (QuickBooks) and CRM systems.

Dotanything, Inc. - Senior Software Developer October 2001 – May 2002

Designed and developed company’s automated billing system and payment disbursement algorithms for complex commission structures. Developed an NT Service responsible for running nightly billing batches. Built an in house CRM system. Developed an online tax estimator. Developed a web portal that included customizable themes and skins.

Astar, Inc. - Contract Developer August - October 2001

Integrated company’s eGovernment portal with clearing house to allow municipalities to accept online payments. Managed weekly production updates of over 20 government databases and portal sites.

Webtone - Development DBA May - August 2001

Managed the database schema for a large development team (80+) running 5 concurrent projects. Developed a PK/FK inference tool to allow for dropping and re-adding of test data in development and QA environments in the appropriate order so as to avoid PK/FK violations while truncating the data. Managed the gold copy of database diagram that was used to generate all installation scripts. Acted as primary reference point for all developers regarding database issues.

Knowlagent - Software Developer January 2000 – April 2001

Developed an administration portal for company’s E-Learning product. Managed all database schema upgrades. Trained channel sales on the technical aspects of the company’s product line. Trained implementation staff on the installation and management of the company’s product line.

Patlive/ATG Technologies - Support Team Lead May 1997 – January 2000

Lead a team of 5 support technicians responsible for the day to day operation and maintenance of the company infrastructure including backups and recovery of all critical systems as well as a fully vetted disaster recovery plan. Developed company’s trouble ticket system that integrated with the call center’s CRM application to allow for escalation of technical work items. Managed all production servers and databases for company’s 24/7/365 telecommunications platform.

# EDUCATION

Bachelor of Arts in Creative Writing; Minor in International Affairs, Asian Studies Concentration - The Florida State University; Tallahassee, FL (Class of 1996)

15 hours in Networking Technologies coursework at Tallahassee Community College (1997)

12 hours in Masters of Information Science at the FSU College of Information (1997)

**Professional Groups**

Tallahassee Javascript Meetup

LeeDev.Net – Founder

Tampa Code Camp – Speaker

Tampa Bay IASA