Michael Conner

Software Engineer / Developer

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Professional Experience

I've engineered successful, scaled commercial products using a broad range of technologies.

Senior Engineer – Woodshed Radio – June 2015 – Present

Built Woodshed Foundation web radio station.

Combined open-source artist, performance and content api data for curated audio streaming.

Designed and implemented radio curating tools using node, express, and mongodb.

Lead Engineer – WeGoDo – November 2013 – April 2015

Built WeGoDo social media web application.

Component and new features work on WeGoDo iOS mobile social media app.

Developed WebAPI 2.0 web service platform for web and iOS app backend.

Contributed to product and business development.

Feature development for Joinin.com ASP.NET web product.

Developed Paypal PNP API integration with WeGoDo web application for event ticketing and payment processing.

Implemented deeplinking, facebook og applinks, and twitter cards integration on the website and iOS app.

Lead Engineer – GoldMail, Inc./PointAcross – June 2007 – October 2103

Lead engineer for MVC4 / Azure based messaging application.

Lead engineer for ASP.NET MVC3 content sharing web application.

Lead engineer for ASP.NET e-commerce portal.

Lead engineer for the Company's Synergy content sharing product.

Key member of Windows Azure conversion team.

Refactored existing ASP.NET and Silverlight products for deployment to Windows Azure.

Lead engineer for all audio editing and MP3 encoded components used in GoldMail commercial desktop application.

Senior Developer – The Sackett Group – Feb 1994 – Jun 2007

Legal software developer for the Sackett Group, the number one provider of document automation software for the legal industry.

Freelance Writer – 1995 - 2002

Published four novels and numerous shorter pieces in the science fiction genre.

Won SFWA Nebula award for novelette "Guidedog."

Technical Skills

C# / .NET	Javascript	Jquery
Html5	Ajax	NodeJS
Xamarin iOS	SQLServer	ASP.NET
ASP.NET/MVC	Ubuntu	Apache2
IIS	Microsoft Azure	ExpressJS

PhantomJS	Github	Subversion
Team Foundation Server	Sass	YUI router
PayPal PNP API	WCF Services	Web API2
Telerik tools for ASP.NET	AppStore deployment	GooglePlay deployment
iOS Geocoder	Google Webmaster tools	XAML
CSS	Dustjs	WinForms
Telerik AppBuilder (iOS)	jade	backbone
mongodb	mongodb	

Projects

Internet Radio Station

Created internet radio station for artists appearing locally in the bay area, implementing Soundkick, Rdio, and The Echo Nest open-source APIs. Work included designing and implementing curating tools, server configuration, html5 and flash audio player, and mongodb metadata CRUD support.

Single page web application

Ported legacy ASP.NET web application to html web application using LinkedIn version of dustjs for client-side rendering of dynamic content fetched by jquery ajax. Website scaled to support deep linking and og applinks to facebook. Worked with design team to implement wireframes with dustjs-rendered dynamic markup.

iOS app development

Using Xamarin Studio, extending the WeGoDo iOS social media app. Work included designing and implementing places configuration workflow based on map searches and reverse geolocation, place search for capturing user profile data, plus creating shared view models for interest matching, feed, and messaging workflows. Also implemented image upload and thumbnail display inside feed posts and place configuration based on Twitter model and workflow. Implemented iOS openurl deep link and app link support for facebook and twitter.

Phantomjs headless browser bot service

Because the WeGoDo website is a one page app with dynamic content rendered client side, provided a solution for SEO using an instance of the headless phantomJS webkit browser running on Apache / Ubuntu.

MVC web-based presentation composer tool.

PointAcross had a legacy Winforms application used to create narrated slideshows that were shared and served as flash video content hosted in html. Company needed a cross-platform solution, so I architected and built a web composing tool based on MIT open-source WAMI speech recognition plug-in which streamed audio to a php server hosted on Windows Azure and stored image and video assets onto our cdn.

Education / Interests

Bachelor of Arts -San Francisco State University

Summa cum laude, degree in English. Minors in Botany and Creative Writing.

Clarion Writer's Workshop - Michigan State University

Intensive course and workshop work in Creative Writing.

Songwriter, producer and performer for Bay Area bands.

Currently producing and playing in several live bands and recording projects.

Other Interests

Flash photography in Strobist style; Image processing with Adobe Lightroom and Photoshop;

Cycling; skiing; hiking and backpacking; travel; cooking; espresso machines;

Maintaining and repairing Hammond Organs;