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William Bridges

Introduction

I've been a web developer and entrepreneur for over 18 years. I started html when I was 14 and learned programming when I was 16. I obtained my first business license when I was 17. I've had a love for business, technology, sociology, and culture for as long as I can remember. My approach to life and work is molded by my love for these sectors of the Human experience. I love to look massive amounts of data and figure out what drives people to make decisions and how to alter those decisions through the use of technology. I've also enjoyed the creative arts for a very long time. My current business has a focus on fashion and technology because fashion is an emerging business sector in Nashville but also because I love great design and watching the creative process that is imbued in the fashion industry. My goals are to be of good use to a company with my years of web development experience but also with the use of my entrepreneurial acumen. I believe my diverse life experience and predisposition to love a challenge gives me a unique perspective beyond my technical expertise so that I can make decisions not only to imagine what's technically feasible but what's practical and marketable to customers.

Experience

SENIOR WEB DEVELOPER, MEDAXION; NASHVILLE, TN - SEPTEMBER 2015 TO CURRENT

Serving in a hybrid role helping to break down specs to task and manage progress of 5 developers including myself. Two developers in the iOS team and 3 developer on the Ruby on Rails server-side team. Also writing code daily in a senior development role and mentoring a junior developer as needed. Part of my role was dealing with HIPAA compliance and application security to protect data. Our software consists of an iOS app to allow anesthesiologists to manage their cases in real time that communicates with a backend server api built in Ruby on Rails. We also have an administrative application built in Ruby on Rails to manage configuration and case data. The application uses MySQL and Redshift as well as Ruby 2.2 and Rails 4.2. We used git for our code repository on Github. Also, I have been involved helping mature the api and feature work as well as managing customer requests and bugs. The application helps to manage several thousand cases per day and has been in production for several years now.

SENIOR WEB DEVELOPER, MEDPROOF (HEARST INNOVATION LABS); BOSTON, MA - AUGUST 2014 TO SEPTEMBER 2015

Helped to build a system for prior authorization in the pharmaceuticals sector of healthcare. While also programming with this position I helped to to plan features and break down those features in to tasks. The technologies I am utilizing include Ruby on Rails 4, MySQL, Angular, XML, Mongo, Amazon EC2, Amazon SES, and Ansible for deployment. I was responsible for application security, roles management, authentication, and authorization. Some of my other responsibilities have included architecture analysis and projecting changes needed for scaling in the future. Our code repository was managed in Git on Bitbucket.

SENIOR WEB DEVELOPER, THIRD CHANNEL; BOSTON, MA - APRIL 2014 TO JULY 2014

While working here on contract I helped to add new features to a Ruby on Rails application that allows people to use a mobile app to check on the inventory and quality of a brand's presence within retail locations. I also helped to build out an API for this application. Working with Postgres and Ruby on Rails 4. Doing some jQuery, Backbone, and limited design work as well. I was responsible for helping them manage roles, authentication, authorization, and other application security issues. Our code repository was managed in Git on Github.

SENIOR WEB DEVELOPER, AFFINITY.IS; NASHVILLE, TN - OCTOBER 2013 TO APRIL 2014

I worked on an amazing set of both web based (Ruby on Rails) and mobile tools that influence the purchasing habits of individuals. During my time here I've been working primarily on social network integration, gamifying aspects of our software, and large scale storage of data in Mongo and Redis for expedient reporting and archiving. Our code was managed on Github using git.

SENIOR WEB DEVELOPER, STANDARD PARKING; NASHVILLE, TN - FEBRUARY 2013 TO FEB-RUARY 2014

Worked on upgrading and maintaining parking e-commerce application in Ruby on Rails. This application was built to serve the needs of large events like the Superbowl, municipalities, and parking garages all across the country. My primary responsibility was developing new features. I worked with a remote team of contractors on a daily basis. Also, during my time here I worked to suggest new tools and methods for workflow to increase productivity, communication, and efficiency.

SENIOR APPLICATION DEVELOPER, ADELPO, LLC; NASHVILLE, TN - DECEMBER 2011 TO FEB-RUARY 2013

Helped maintain a heath care spend management software platform written in Ruby on Rails. I also worked to build a medical records platform for Skilled Nursing Facilities from scratch. I helped to gather requirements, plan out the architecture, write the code, plan application security, and design the user interface for the medical records application. The medical records application I built was in Ruby on Rails using a Mongo database. Our code repository was managed on git using Github.

PRESIDENT, FASHION BYTES, INC; NASHVILLE, TN - NOVEMBER 2010 TO 2015

Building tools, media platforms, and tight integration in to social networks through APIs. Managing business, marketing strategy, and relationships with the local fashion industry.

- NashvilleFashionWeek.com - Worked with this client since 2010 to help them build a platform that would allow them to easily distribute information, embed their schedule on other websites by building a schedule widget, collecting photos in real time from Twitter, and allowing them to publish high quality photos from the nightly events in real time using an innovative and original custom publishing platform. We also integrated with the Instagram API to collect content from the audience and fans of Nashville Fashion Week and pull it in to their website in real time as people post content.

- Snappylifestyle.com - I helped an international fashion photographer, Adrian Morales, put together a unique website that would showcase his talents and social media abilities. It has an advanced content management system that allows him to upload zip files of photos that are pushed directly to S3 and then processed by a background process in the application.

- NashvilleFashionEvents.com - A platform that utilizes tight integration in to the Facebook & Twitter social networks to generate traffic, an expansive custom content management system, and several automated promotional systems as well as lead generation systems. Site receives over 40,000 hits per month and has been operational a little over a three years.

- Style Promenade - A competitive website that utilizes a voting system based on integration with the Facebook API to count likes as votes. Each like shares the content but also consists of a vote for a particular style. At it's height of operation we received 70,000+ hits per month.

- WallSee.com - This is a service that I architected, built, and designed which allows businesses to create engaging social contests using photos. It integrates with the Facebook and Twitter api. These applications were all built in Ruby on Rails with a Mongo database.We since sold the software and took down the marketing website for it.

- - Face of Fall - Implementation of the technology to help a modeling agency find fresh new talent.

- - Fashion Week 2013 Stret Style Competition- Another implementation with a photographer that traveled to New York, London, Paris and Milan. This one raises money for charity as well as uses the social tools for the competition.

- - Istyled Me - A competition sponsored by Goodwill using our tools. They challenged students to spend no more than $25 and come up with an outfit to compete against other students using our social voting tools.

- Senior Lookbook - This is a site where I partnered up with an international photographer to give a different take on high school senior photos. It has e-commerce elements integrated as well as an affiliate program.

- Lovenoise.net - Helped them expand their reach by taking their state website and upgrading it to a much more dynamic Ruby on Rails site. Built social network integration tools, an advanced content management system, and modified the way they promote events and think about media. Built in Ruby on Rails and using MySQL.

- TheSingleWoman.net - Helped build this successful columnist a website to further interact with her over 300,000 followers on Twitter. Site gets about 100,000 hits per month. Built a content management system, a way for her to live broadcast from her site's homepage, and built her a tool to track her mentions on Twitter. As you can imagine someone with 300,000 followers gets a noisy response rate... so we score each mentioner using the Klout API and then give her a list of the top 10-20 most relevant followers who mention her per day through an automated email. Built in Ruby on Rails using Postgresql as a database.

CEO, COGWISE SOLUTIONS; NASHVILLE, TN - SEPTEMBER 2008 TO NOVEMBER 2010

Built and helped build several solutions during this period that continued my focus on project development for start-up clients. This part of my career started my focus on API integration and development of APIs for clients.

- OMGICU.com - Worked with them for over two years to build a Ruby on Rails based solution for engaging visitors who were interested in celebrity sightings. Part of that solution included integration with SMS apis, Facebook, Twitter, Google Maps, Youtube, Yahoo Location Service, Wikipedia, Foursquare and a vast content management system. Also helped build the main integration piece for their iPhone application which consisted of building an API for the iPhone app team and refining/debugging that API for maximum efficiency on a mobile network.

- Chartered Medical - Architected, programmed, and managed the development team for an advanced web-based EHR platform with digital prescription capability. Integrated with several external APIs to gather medical database information and build the capabilities of the platform on pre-existing solutions.

- SportsOnTheScreen - Worked on a sporting predictive market platform that allowed people to buy 'stock' in their predictions for players at certain rounds of draft picking. They were then able to buy and sell stock of such picks with other members. The idea never caught steam because of the complexity of predictive markets to the average consumer. But it was an interesting idea to execute on nonetheless.

- Hiking Rewards - Built a Ruby on Rails app that integrated with the Meetup.com API to help the Nashville Hiking meetup group create a point based rewards program with local retailers.

CEO, BLUEPAW SOFTWARE; NASHVILLE, TN - JANUARY 2007 TO SEPTEMBER 2008

This was my first time managing a corporation. Before that I primarily has sole proprietorships with no more ambition than to do freelance work. In building this company for the first time my ambitions were behind product development and serving clients with a team of developers. This was my first company primarily using Ruby on Rails for development.

- CareerNumbers - Helped architect and build a platform that would allow people to compare salaries, work experiences, and other employment factors with anonymity to help others find work environments suitable to them. Helped integrate massive amounts of data into visualization tools and architect the database as well as the technology choices.

- Friendly Table - Helped build a platform where newcomers to New York could fill out an online profile and be matched up with people of similar interests for a friendly 'blind dinner' allowing people to meet safely in a group with people they had never met before matched up based on education, background, interests, and food choices.

PROGRAMMER, OUTDOOR CENTRAL, NASHVILLE, TN - JANUARY 2007 TO SEPTEMBER 2008

I was responsible for development in PERL when I first started working here. About half way through my time here I helped to upgrade legacy systems from PERL to Ruby on Rails and helped build a new touch screen internet based system to sell hunting and fishing licenses for state agencies. I worked closely with the development team to come up with strategies to incorporate a variety of opposing technologies in to one another to create a fluid user experience.

WEB DEVELOPER, IVEKA, WINCHESTER, VA- JANUARY 2005 TO JULY 2005

Built and architected several systems to advance objectives in building 'one size fits all' systems for certain industries. We built a real estate website platform that services 20+ real estate websites, a content management system, and several smaller endeavors for custom web development.

DATA ANALYST, FEDERAL EMERGENCY MANAGEMENT AGENCY, WINCHESTER, VA- DEC 2003 - JAN 2005

Helped maintain and upgrade internal software systems that manage Emergency Management data. Helped tune SQL queries that interacted with millions of records to be more efficient. Helped lead several small internal projects to increase efficiency in processes critical to the organization. Worked mostly in ASP and VB Script.

PROGRAMMER, EARTHCOMP CORPORATION, ASHEVILLE, NC - 1999 - 2000 (1 YEAR)

Built several custom e-commerce and marketing solutions in PERL and CGI for this online computer retail company. Helped with customer support of these applications as well.

OWNER, NETSPIN SOLUTIONS, WINCHESTER, VA & ASHEVILLE, NC & MEDFORD, OR - 1999 - 2005

I worked on several applications as a web developer using everything from PERL/CGI, PHP, ASP, Visual Basic, MySQL, Oracle and any/everything you can imagine during this period. I lead development on several successful websites during this period.

Skills

Ruby on Rails (11+ years)

Team Management

Software Architecture

Online Marketing (Facebook ads, Adwords, SEO, etc...)

Photoshop

Business Strategy/Development

PERL (8+ years)

SQL (MySQL, Oracle, PostgreSQL, SQL Server)

NoSQL Databases such as MongoDB (5 years)

Redis

Javascript (jQuery)

Test Driven Development

Integrating with APIs (Facebook, Twitter, Google Maps, Meetup, HIPAASpace, Klout, Youtube, Wikipedia, Foursquare, SMS gateways, Yahoo)

E-Commerce integration (Authorize.net, Paypal Payflow, Amazon Web Payments, Stripe.com, First Data, etc...)

Working With Cloud Based Applications such as apps on Heroku

Using Redmine, Pivotal Tracker, Basecamp , Jira, Wrike for ticket tracking and project communication.

Building RESTful Web Services

Linux based server administration

Videography

Amazon Web Services EC2, RDS, and S3