Patrick Brandt
Solutions Architect

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PROFILE

I solve problems. I define solutions that are driven from a deep understanding of my clients' business and then educate them about how we're going to help; I take this same understanding and then parse it out into fine-grained tasks that a production team can execute. I'm always willing (and excited) to step up and code, injecting business acumen right into the bits that make the magic happen. I'm a technologist who flexes leadership qualities and consulting prowess to motivate clients and team members towards meeting ambitious project scopes and timelines.

DEVELOPMENT EXPERTISE

Domain-Driven Design	Test-Driven Development	Continuous Delivery TeamCity/MSBuild	Scalable Architecture
Fluent NHibernate	NUnit	Jenkins	Amazon Web Services
ASP .Net MVC	Moq	Log4net	Microsoft Azure
Backbone.js	Require.js	Underscore.js	JSON
SQL Server	HTML/CSS	jQuery	XML/XSL/XPath
Git	SVN	Agile	

PROFESSIONAL EXPERIENCE

Huge   Atlanta, GA
Solutions Architect   *October 2013 – Present*

I'm defining enterprise-scale architecture for a new retail venture, producing technical specifications to be shared among internal development resources and client development partners. Assets include: UML Sequence Diagrams, Network Diagrams, Entity Relationship Models, and REST API documentation. Product architecture definition encompasses several channels: desktop web, mobile/tablet web, and in-store display. I'm serving as the Product Owner within an Agile development process, defining product development strategy and working with Business Analysts to create and prioritize user stories.

MRY   Atlanta, GA
Technical Director   *2011 – October 2013*

I directed multiple high-profile digital projects for Coca-Cola. In addition to defining architecture and coding, I facilitated communication between client, agency, and multiple client vendors and partners.

- Placelists
    - Technical lead for Coca-Cola's "Placelists" platform, defining system architecture and directing a team of 6 developers (front-end and back-end)
    - Defined technology strategy, liaising with Coke, Spotify, and MRY staff to communicate technical needs and expectations
    - Lead estimation exercises to decompose functionality into tasks that are organized into 2-3 week sprints
    - Provided coding support of both web API and client applications – the platform is built around a .Net MVC web API that services a Spotify app and a responsive mobile website
    - Led responsive site and Spotify app development using HTML5/CSS3 and backbone.js with backbone-relational.js, require.js, Handlebars templates, and i18n support
- Coke 2012 Olympics Digital Campaign

- Led a team of 5 developers to support Coke's global "Move to the Beat" campaign for the 2012 Olympics
- Served as the inter-agency technical liaison, coordinating development activities among five different vendors and also served as the primary technical contact for Coca-Cola, consulting with their IT and Marketing teams
- Architected and built a .Net MVC-based JSON service to store user-generated content from multiple channels (desktop and mobile web, iOS and Android apps) and also developed a market localization framework for the Coca-Cola Olympics website and mobile site
- Team won multiple awards: Clio in Digital/Mobile Technique, Mashable Marketing Innovator of the Year, and Mixx Award for Content Marketing

Engauge   Atlanta, GA
Software Architect   *2007 – 2011*

Led the development of several marquee projects as Technical Lead and Architect

- Technical Lead/Architect for the "Great Aussie Steakout" campaign. The campaign reached a peak of 250k requests/minute to OutbackFreeSteaks.com. Campaign site built with PHP/MySQL on AWS – Amazon has published a case study featuring my hosting architecture for the site
    - Technologies: PHP with Code Igniter, Apache, Linux, MySql, AWS (S3, CloudFront, RDS, Route 53, EC2, ELB)
- Technical Lead for the following sites: ruthschris.com, georgia.org, exploregeorgia.org, foodlion.com
    - Technologies: C#, F#, .Net MVC, Fluent NHibernate, SQL Server, NUnit, Moq, jQuery, Elmah, log4net, Hudson/Jenkins, NAnt, Sharepoint 2007 (for georgia.org)
- Contributing Developer for the Chick-fil-a iPhone app – implemented core navigation scheme and integrated with external data service to render food menu pages
    - Technologies: iOS 3, Objective-C, JSON
- Incorporated PERT estimation techniques into pre-development work, increasing accuracy of estimates for both small and large projects; PERT spreadsheet became a standard estimation tool for agency development teams

SolTech, Inc.   Atlanta, GA
Systems Analyst   *2006– 2007*

- Architected a framework for retail software installed on hand-held devices using the .Net Compact Framework and Co-developed a Windows-based "Client Agent" application installed on Point of Service devices located at Saks 5th Avenue retail outlets across the country

Brandt Information Services, Inc.   Tallahassee, FL
Programmer/Analyst   *2004 – 2006*

- Developed internet-based employee time-management system for the Guardian Ad Litum division of the Florida Department of Justice; written in C# using AJAX, SQL Server, XSL
- Designed and developed an architectural framework for internet applications based on the Front Controller pattern; written in C# .Net 2.0, supporting both AJAX and postback operations

EDUCATION

Florida State University
M.S. Computer Science, 2004
Graduate Thesis: *Interaction Design Patterns for Musical Applications*

University of Central Florida
B.A. Liberal Arts with Honors, 2001