

# DAN SKAGGS

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## RELEVANT EXPERIENCE

**1999 – Present    Independent Consultant**  
Web-Meister Designs, LLC: Cary, NC

### Representative Sampling of Projects

- Lead architect and front-end developer on a system used by large horticulture wholesalers to manage inventory, purchasing, customer orders and reporting. The front end was developed in AngularJS interfacing with a REST API running on the Lucee CFML engine using MySQL as a data store
- Web-based medical practice management system designed to allow physicians' offices to accurately track patients, appointments, medical data findings and financial transactions for medical practices of all types. The system utilized ColdFusion 9's ORM features, ColdSpring, Model-Glue, jQuery, PostgreSQL and HTML5.
- ColdFusion back-end supporting a Flex application for the customer care division of a large, international pharmaceutical company. The application utilized ColdFusion 8, ColdSpring and Microsoft SQL Server.
- Online store for a religious services and supply organization. The application consisted of the public-facing site as well as a secure administrative site used to manage product data, images, downloadable files and generate reports. The site utilized ColdFusion 9, Model-Glue, ColdSpring, jQuery, MySQL and Oracle and interfaced with the company's Google Search Appliances.
- Web site for a niche legal research firm converted from using 4D as a database back-end to a more industry-standard database engine. In addition to the front-end site, an administrative section was created to manage the application's data. The new site used ColdFusion 9's ORM features, ColdSpring, jQuery and MySQL.
- Maintenance, support and new feature development for a large electronic health record (EHR) system designed for rural hospitals and clinics. Provided system architectural review and enhancements to management to enhance application stability and performance. The application used Adobe ColdFusion 9, Microsoft SQL Server, and ExtJS.
- Web site for a large book distributor and library supply company converted from Java Struts to CFML while updating the site design and adding multiple features including the ability for customers to place orders through the site. The site used Railo 3, Mach-II, ColdSpring, Transfer and PostgreSQL
- Middle-ware application between a Flash application and the legacy infrastructure of one of the largest cable internet and television providers in the United States that allowed subscribers to manage settings and voicemail on their digital phone account. The application utilized ColdFusion MX 7 and Oracle.
- Project management services for a project to upgrade ColdFusion from version 4.5 to ColdFusion MX 7 supporting the learning management system of one of the largest pharmacy and healthcare companies in the United States. Provided support for ColdFusion and web server configuration, load testing and final migration to the new version of ColdFusion and an upgraded version of Oracle.

**2014 – Present      Senior Web Application Developer**

Great Au Pair, LLC: Austin, TX

- Architect and development team lead for AngularJS-based application used by staff and contractors to manage all aspects of staff, host family and au pair information
- Led efforts to modernize development team practices and tooling by crafting a development cycle based on Agile methodologies and migrating to an integrated issue tracker, wiki and continuous integration ecosystem
- Collaborated with other developers to build requirements for and implement an internal REST API used as the authoritative source for data for the company's applications
- Maintained and enhanced legacy CFML applications to meet the requirements of the business units responsible for the applications

**2013 – 2014      Senior Application Developer**

Short's Travel Management: Waterloo, IA

- Provided guidance for modernizing application development methodologies with MVC frameworks and dependency injection
- Developed a travel booking application to allow customers to book air, hotel and car reservations, compare costs for alternative travel dates and enforce company travel policies
- Led efforts to replace outdated server hardware and application server software infrastructure with virtualized servers and updated application server software
- Converted a large monolithic SVN code repository to individual Git repositories and implemented a custom development workflow to enhance developer productivity and development velocity

**1998 – 2006      Senior Web Application Developer**

Aspect Communications: Brentwood, TN

- Responsible for strategic, enterprise-level application planning and development
- Lead developer responsible for designing large-scale, web-based applications utilizing ColdFusion, ASP, Microsoft SQL Server, MySQL, and Oracle in both Microsoft Windows NT/2000 and Solaris-based environments
- Assisted Information Technology personnel in deploying, configuring, and troubleshooting new and existing web servers running Microsoft Internet Information Server 5.0 and Netscape iPlanet Enterprise Server

**2009 – Present      Contributing Partner, Model-Glue MVC Framework for ColdFusion**

- New feature development
- Performance testing
- Community support
- Documentation

**EDUCATION**

**Bachelor of Science - Management/Computer Information Systems**

Park University, Parkville, Missouri

**Associate of Applied Sciences - Electronic Systems Technology**

Community College of the Air Force, Maxwell Air Force Base, Alabama

## **SPEAKING ENGAGEMENTS**

### **Online ColdFusion Meetup - August 2009**

Using Tomcat and Eclipse to develop applications for any CFML engine

### **CFinNC - October 2009**

ColdSpring: Solution to a Problem You May Not Know You Have

### **BFusion/BFlex - October 2009**

ModelGlue 3 for Fun and Profit

### **cf.Objective() - April 2010**

Building Advanced Workflows with ColdSpring

### **NCDevCon - October 2011**

Object-Oriented Programming: What is it and why should I care?

### **NCDevCon - October 2012**

Really, Really Introductory Object Oriented Programing

### **NCDevCon - October 2013**

Adding AngularJS to Existing Apps (with Sharon DiOrio)

### **cf.Objective() - May 2014**

Getting Started with MongoDB for CFML Developers

### **NCDevCon - October 2014**

Getting Started with MongoDB for CFML Developers

### **NCDevCon - September 2015**

Going Beyond Hello World: Building Production Ready Angular JS Apps (with Sharon DiOrio)