

Tramaine Darby

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SUMMARY

- Over 16 years of web development with experience on the front end, middle tier and database layers.
- Demonstrated growth over a long tenure with one company, with the ability to learn new languages, frameworks and methodologies.
- Leadership and teamwork across a wide range of projects and roles.

RELEVANT SKILLS

Languages/Programming

- Proficient in: PHP, JavaScript, Java, JSP, ColdFusion, SQL, PL/SQL, CSS, REST, JSON, XML, HTML
- Familiar with: Perl, Twig, CSS3, LESS, SASS/SCSS, XSLT

Database

- Proficient in: Oracle, MySQL
- Familiar with: MongoDB, SQL Server

Frameworks/Libraries

- Proficient in: Symfony2, JQuery, Spring MVC, Spring Web Flow, JMVC/CanJs, JSTL, ColdSpring, Model-Glue, Bootstrap.
- Familiar with: Backbone.js, Zend2, Laravel, Fusebox. Doctrine, CF ORM, Transfer ORM, JPA/Hibernate

Tools

- Subversion, Git, Composer, Maven, Ant, PHPUnit, JUnit, QUnit, Selenium (WebDriver)
- PhpStorm, Eclipse, Toad, SpringSource Tool Suite, Aptana, CF Builder, CFEclipse
- Jenkins, Jira, Confluence

Other

- Servers: Tomcat 6 - 7, JBoss5, Apache2.2
- Platforms: Windows, RHEL, Solaris
- Scrum, Kanban, Continuous Integration

PROFESSIONAL EXPERIENCE

Lead Software Engineer

4/2010 - present

American Kennel Club, Raleigh NC

- Led team consisting of 4 developers, 2 data entry operators and a project manager for a major website redesign, which included development of a new application framework and templating system.
- Developed applications in PHP using the Symfony2 framework. Included use of Doctrine, Composer, OAuth and REST web services.
- Extensive use of AJAX to exchange JSON payloads to REST web services.
- Wrote thick client JavaScript applications using JavaScript, JQuery, JMVC/CanJs.
- Assisted in creation of the Online Forms Processing system based on the Java Spring framework. Primarily responsible for the portions of the framework that implemented Spring MVC and Spring Web Flow.
- Wrote and maintained JUnit and Selenium tests for the Online Dog Registration System.
- Led and participated in several marketing initiatives to increase site traffic and to drive traffic to revenue generating applications.
- Supervisor and mentor for junior developers.
- **Notable Project – Online Forms Processing:** Framework developed in Spring MVC to host applications that interface with the backend model for processing various registration forms. Online Dog Registration is the flagship application in this framework which represents the core business.

My Role - Front end developer responsible for designing and writing large areas of the application including application orchestration with Spring Web Flow and Spring MVC. Wrote Java application code and JUnit tests. Developed full suite of Selenium tests. Implemented front end user experience and thick client user interactions using JavaScript and JSP. Responsible for coordination between front end developers.
Technology – Spring, Spring MVC, Spring Web Flow, Java, JUnit, JSP, JSTL, JQuery, JMVC, Selenium (WebDriver), JPA/Hibernate.

- **Notable Project – Alliance Data Integration:** Business initiative to provide an AKC branded credit card to online customers via direct Instant Credit Application as well as via prescreen checks within existing online applications. Involves service integration with a third party as well as public services secured with OAuth.
My Role – Technical Lead on the project, coordinating front end development and Java services integration with Alliance Data. Wrote public facing PHP REST services secured by OAuth in the Symfony2 framework. Development of thick client code and designed JQuery plugin to integrate code into existing Online Dog Registration application as well as standalone Instant Credit application. Interface directly with third

party developers.

Technology – PHP, Symfony2, REST, SOAP, OAuth, Java, JMVC, CanJS, JQuery.

Owner / Vice President / Full Stack Developer

8/2013 – present

Singing Dog Solutions LLC, Raleigh NC

- Full stack developer primarily responsible for design and development of front end components of custom web applications for Singing Dog Solutions' clients.
- Develop web application framework using PHP in the Symfony2 framework. Interface with backend REST services and write REST endpoints for Ajax interactions with the front end.
- Use JQuery to create client side Ajax and user experience interactions.
- Implement views using Twig, CSS/LESS and Bootstrap to provide a fully responsive user experience. Work with a designer to implement the look and feel.
- Involved in business decisions and assist with business management duties as needed.

Senior Software Engineer

4/2004 – 4/2010

American Kennel Club, Raleigh NC

- Designed an enterprise wide outage system for scheduling maintenance outages, and detection of unexpected outages. Led implementation team in integrating the various technologies - Oracle, PL/SQL, ColdFusion, and Java.
- Architect of the ColdFusion front-end for the AKC Global application
- Key role in ColdFusion upgrade from CF7 to CF9
- **Notable Project – AKC Global:** Provided a service for the National General Kennel Club in China to host a registry and management framework for events. Framework built to be extensible to other registries.

My Role – Designed a ColdFusion framework to determine application flow based on custom XML configuration files. Interface with JBoss provided EJB services to interface with the backend. Implemented extensible translation services for multiple languages. Worked with designer to implement look and feel.

Technology – ColdFusion 7, HTML, JavaScript, Oracle PL/SQL, JBoss, Java, XML, XLST

- **Notable Project – Outage System:** System designed to provide a graceful error message to users during system maintenance and unplanned outages.
My Role – Acted as technical lead, coordinating a team consisting of a Java developer and two ColdFusion developers. Assisted in design of the entire data model, and wrote the PL/SQL to control outage behavior. Coordinated Middle Tier EJB development with development of a

management console in ColdFusion, as well as the instrumentation of existing web applications and services to respond to the outage.
Technology – Oracle PL/SQL, Java, JBoss Cache, ColdFusion 9, HTML, JQuery

Software Engineer 1/2001 – 4/2004

American Kennel Club, Raleigh NC

- Wrote and maintained Oracle stored procedures (PL/SQL) in support of the core registration business on the web
- Provided primary development support for revenue generating web applications using ColdFusion, HTML, and JavaScript.
- Supported backend automated processes using PERL, Java, Autosys and Unix shell scripts.
- **Notable Project - Online Litter Registration:** Web application to support a core business function. Allows breeders to complete litter registrations via an online process.
My Role – Wrote the PL/SQL procedures necessary to interface with the existing registration data model. Wrote the ColdFusion application code to interface with the PL/SQL procedures. Responsible for user experience and front end look and feel.
Technology - Oracle PL/SQL, ColdFusion 5, HTML, JavaScript.

Engineer II 1/1998 – 1/2001

WorldCom Communications Corporation, Cary NC

- Act as Programmer/Analyst, writing SQL and PL/SQL programs for processing network performance monitoring data and topology from transmission network elements. Support transmission performance reporting efforts.
- Responsible for web application development using HTML, JavaScript, and ColdFusion to develop web applications used companywide for interactive reporting and patch management for switches.
- Serve as Webmaster for department - develop/manage departmental website and perform server administration tasks for departmental web server.
- Manage special projects as assigned.

EDUCATION

University of North Carolina 1995 – 1998

Chapel Hill, NC

- Master of Science – Biomedical Engineering

Hofstra University 1992 – 1995

Hempstead, NY

- Bachelor of Engineering – Engineering Science and Bioengineering

PROFESSIONAL DEVELOPMENT

Classes, seminars and workshops in:

PHP, Symfony2, Java, J2EE, Agile Scrum, JavascriptMVC