

## Objective

I am seeking a challenging job to expand my knowledge and experience while using my abilities to contribute to the production of quality software.

## Overview

- 7+ Years of software engineering experience
- Quick learner of new technologies

## Skill Overview

Flex / Actionscript 3, PHP, Ruby, Rails, Java, Perl, JavaScript, Ajax, JSP, MySQL, PostgreSQL, MSSQL, Apache, LightHTTP, XSLT, Linux, Design Patterns, i18n, Service-oriented Architecture.

## Other

DHTML, JUnit, PHPUnit, RSpec, FlexUnit, OSX, Eclipse, FlexBuilder, IntelliJ, Zend, Ant, Cairngorm, JQuery, Hibernate.

## Core Skills

- Flex interface development
- Server PHP/Ruby development
- Java J2EE server development
- Software architecture & design

## McClatchy Interactive

July 2007 - Current

### Projects

Lead Software Developer

<http://www.mcclatchyinteractive.com>

- Architected a service-oriented system known as Red Pill for managing newspaper content. Designed to scale for managing content of over 200 websites using small reusable services.
- Architected and developed a Flex-based application to manage content in the Red Pill architecture, managed four developers working on the framework I developed. The system had a desktop-like feel, and allowed users to manage the content of all the newspaper systems.
- Managed a small team of developers including administering reviews and providing developer training. Mentored junior developers and provided guidance senior level developers.
- Architected and developed a JavaScript toolkit so developers could quickly write 'widgets' using JQuery to talk to the Red Pill architecture.
- Wrote a system to generally handle any data that the newspaper wished to manage, called Tabula. Wrote a Flex interface that was spreadsheet-like and worked with developers using Ruby to manage content.
- Responsible for code reviews as well as system architecture reviews.

- Red Pill Architecture
- Flex Administrative Application
- Javascript Toolkit
- Tabula Service

## McClatchy Interactive

March 2007 - July 2007

### Projects

Software Engineer, Infrastructure

<http://www.mcclatchyinteractive.com>

- Lead efforts in automated maintenance, backups and tuning of over 20 production MySQL machines, 10 web-servers and 30 assorted boxes.
- Evangelized, managed and verified the upgrade from MySQL 4 to 5.
- Wrote numerous scripts (Perl, Bash, PHP) to automate manual processes. Worked with both technology and the support team for training.
- Worked on a Perl-based system (Site Manager) which managed over 100 websites. I focused on the Apache configuration manager.
- Audited code written by multiple newspaper development teams, assuring quality code was released to the systems.

- Server Automation
- Site Manager
- Code Audits

## Oasys Mobile Inc

March 2006 - March 2007

### Projects

Software Engineer

<http://www.oasysmobile.com/>

- Led effort in building community site (Portal), using PHP5, Smarty, MySQL, and PHP-Unit. Focused on design patterns (code reuse) and flexibility.
- Maintained and extended functionality of web and WAP stores dealing in cell phone products. Focused on MMS & WAP content delivery to cell phones.
- Architected, developed and maintained an application for sending real time SMS (text) messages in a multi-threaded system handling 100,000+ concurrent users.
- Developed white-label functionality for community, web, and WAP sites.
- Architected, developed and maintained a PHP based content aggregation system for cell phone carriers (Boost, Sprint) for wallpapers & ring-tones, handling validation requirements sent from carriers.

- PHP Web Portal
- PHP Community System
- WAP/Web Store
- SMS Message Blast Tool
- White-labeling of Sites
- Content Aggregation

## BBH Media

March 2004 – March 2006

### Projects

Software Engineer

<http://www.bbhmedia.com/>

- Extended & maintained a CRM (Client Relation Management) system used in a high volume call center environment. Written using PHP, DHTML and MSSQL with a focus on high availability.
- Architected, designed, and developed a scalable, clustered, high-availability, J2EE-based content authoring and management system using JBoss, Hibernate, JSP 2.0, XSLT and MSSQL.
- Developed a PHP, exception-based billing system which processed payments and e-receipts for a multi-million dollar international business that was integrated with a Java based credit card processor.
- Developed a single sign-in application used across all applications and languages including PHP, Java and Perl.
- Involved in all technical decisions including hardware purchasing, architecture of applications, and technical documentation.

- PHP CRM Development
- J2EE Ad Management
- PHP Single Sign-in
- Multi-Currency Billing System
- Perl Ticketing System (RT)
- Website Management
- DB/Server Management

## Tarheel Temps – UNC

September 2003 – February  
2004

### Projects

Application Developer / Consultant

<http://www.northcarolina.edu/>

- Created an HR employee evaluation application allowing for paperless evaluations of UNC employees and including a workflow system to track a multi-phased process of evaluation.
- Organization charts, job descriptions (work plans), dimensions, and the evaluation process all handled with the application, used by UNC.
- Application written in PHP and DHTML with a MySQL database.
- Sole developer involved with planning, database design, application framework design and all development.
- Enhancements development of the UNC CMS framework.

- HR application for UNC
- CMS Enhancement

## Apex Systems Consultant for UNC-GA

April 2003 – September 2003

### Projects

## Application Developer / Consultant

- Converted, updated and enhanced an application for continuing education management and testing, including managing schools throughout the US.
- Converted the legacy Cold Fusion application to a PHP content management infrastructure.
- Worked with end users to develop requirements for initial application and enhancements.

- Content Management
- Education System

## **Buildscape, LLC a Dow Chemical Company**

March 2001 to January 10, 2003

Application Developer

<http://www.buildscape.com/>

- Wrote, tested and documented software in a high use production system, a PHP application with an Oracle backend on an internet based middle-ware platform for lumberyards.
- Performed front-end development using DHTML, JavaScript, CSS and XML.
- Other development in Perl, BASH, and C.
- Worked with a team of up to 12 programmers, as well as support staff. Involved in the architecture and planning of systems and facilitated the coordination between the many development teams.
- Functioned in a fast paced development environment with monthly software releases.

## Projects

- Web Storefront
- Lumberyard/Builder Tools
- Bob Villa Integration

## **Omicron-D**

November 2000 to June 2002

Co-Founder, Web Developer

- Co-founded a web development firm specializing in web-based programming.
- Created full feature sites from portfolio to web-based applications including e-commerce systems.
- Programmed on a Linux based platform (Debian) in many web-based languages.
- Hosted client sites and administered the Linux (Debian) server.

## Projects

- Co-Founder
- Web Application Development
- Debian Web-hosting

## **Blue Ribbon Internet**

March 2000 to April 2001

Applications Developer, Systems Administrator

- Architected, designed and developed a PHP leasing application for Bank One Leasing Corporation. Application used for high dollar amount leases, and for automating current paper-based processes.
- Focused on the development of custom e-commerce systems written in PHP, Perl, C++ and ASP using DHTML & extensive JavaScript.
- Developed in many database systems including MySQL, PostgreSQL, MSSQL, and flat files with some exposure to Oracle.
- Led a team of four developers and designers through multiple concurrent projects.

## Projects

- Bank One Leasing
- Custom Web Development
- Online Web Stores