

# Phillip R. Spitler (a.k.a. Phil)

## Profile

Programming language agnostic Software Engineer whose passion for programming comes from taking on a problem and overcoming every obstacle or technical challenge. This passion is equally matched with the desire to keep solutions as minimal and maintainable as possible, only introducing complexity necessary to solve a given problem without sacrificing reusability and best practices of Object Oriented Design, and testability. Was referred to by a previous manager as his “Swiss Army Knife”. Believes that YAGNI (You Aint Gonna Need It) is a mantra best suited for features and not proper abstractions within an application.

## Experience

### Owner, Sprout Key; Charlotte, NC

*04/2014 - Present*

- Mentor developers through <http://block.io>.
- Provide Consulting/Contract services to businesses and start-ups.
- **Development:** HTML, CSS, Javascript, Node.js, Ruby, too many front-end and back-end frameworks to list; **Devops:** Amazon Web Services (AWS), Vagrant, Scripting; **API:** Integration with external providers, Exposing APIs (either custom or using Dream Factory); **Solution Architecture:** Design robust, scalable cloud based system architectures, Refactor existing system architecture which is either too expensive or has been outgrown, Create easily portable development environments making it easier to onboard developers and roll out changes.

### Developer, Skookum Digital Works; Charlotte, NC

*03/2014 - 04/2014*

- Led initiative to reduce the complexity early on (first sprint/iteration) of the specced solution for the project, which I was brought in to work on.
  - Angular was picked as a default on the project without any discussion as to what we needed to get out of the javascript framework we would leverage. My request to discuss this ultimately led to changing the direction of the project.
  - The custom server side framework prescribed which sat on top of Express provided unused features and rewrote ways of doing things already built into express. Proposed and provided an example of going with vanilla Express.

- 90% of the Node.js layer was simply acting as a reverse proxy to .NET web services. Got about 95% code complete on a solution which would be reusable across resources when I realized I wouldn't have time to finish and get my tasks for the sprint complete so I bailed on it and just wrote the patchwork needed to get my tasks complete.
- Completed the user stories I was assigned during the sprint (some fell into the refactor week due to taking time to get important things as right as possible on a very large project that would span 10+ developers over time).
- HTML, CSS, Javascript, Node.js, Scrum

## **Software Developer, TradeKing; Charlotte, NC**

*03/2011 - 01/2014*

- Wrote streaming front-end for stock quotes with Node.js using Socket.io, connecting to RabbitMQ and leveraging "rooms" built into Socket.io per stock symbol for users to subscribe.
- Standardize development environment provisioning across several projects by employing Vagrant and writing provisioning scripts.
- Manage EC2 instances on Amazon Web Services
- Continue to develop and maintain the Trader Network. A social network for traders (Ruby on Rails).
- Maintain multiple Ruby on Rails applications (2.3 & 3.x)
- Continue to develop and maintain the company's Drupal 6 CMS.
- Start upgrading the CMS to Drupal 7.
- Help maintain the main brokerage site based on a custom PHP framework.
- Help maintain the public API which uses the Sinatra framework running on jRuby.
- Train new-hires and mentor junior developers.
- HTML, CSS, Javascript, Node.js, Socket.io, Ruby, Ruby on Rails, PHP, Drupal, MySQL, Git, CVS, Vagrant, Bash Scripting, Cron, Scrum, AWS

## **Web Application Developer, RacerSites; Cornelius, NC**

*10/2009 - 03/2011*

- Develop and maintain websites for the racing industry using ColdFusion.
- Develop a mobile application <http://m.grand-am.com/> using Ruby on Rails.
- HTML, CSS, Javascript, ColdFusion 9, Ruby on Rails, SQL Server.

## **CodeSource Programming, Owner; Cornelius, NC**

*07/2008 - 10/2009*

- Develop custom web applications using many advanced technologies.
- Implement open-source solutions where appropriate to save clients money.

- Work closely with designers to implement their designs as HTML/CSS.
- HTML, CSS, Javascript, AJAX, Ruby, Ruby on Rails, PHP, CakePHP, MySQL SQLite3.

## **Web Application Developer, TEKsystems; Charlotte, NC**

*10/2007 - 06/2008*

- Migrated internal paper-based financial forms to online versions within the intranet.
- Contributed new functionality to the in-house custom form framework.
- HTML, CSS, Javascript, AJAX, ColdFusion MX 8, SQL Server, Visual Source Safe, SharePoint.

## **Application Developer, Background Investigation Bureau; Cornelius, NC**

*11/2004 - 10/2007*

- Developed custom internal applications to support the company's unique business requirements.
- Exposed and consumed web services to interact with the company's many clients and vendors.
- Implemented HTML versions of new public-facing web sites provided as Photoshop files from the designer.
- Introduced the Subversion revision control system for departmental use.
- HTML, CSS, Javascript, AJAX, ColdFusion MX, SQL Server, Web Services, XML, Subversion, SharePoint, Photoshop.

## **Application Developer, American City Business Journals; Charlotte, NC**

*10/2000 - 10/2004*

- Developed a custom Content Management System for online version of a printed magazine.
- Integrated online subscriptions with the company's fulfillment system.
- Developed a custom bulk-mail system to deliver newsletters to subscribers.
- Managed projects which were assigned.
- Worked closely with internal clients throughout the life of projects to assure requirements were met.
- Introduced the Mantis bug tracking system for departmental use.
- HTML, CSS, Javascript, ColdFusion, ColdFusion MX, SQL Server, Web Services, XML, Subversion, Mantis

## **Web Developer, CT Communications, Inc.; Concord, NC**

*06/1999 - 09/2000*

- Met with potential clients to help field questions during sales presentations.
- Met with clients along with the project manager to help gather requirements.
- Developed web sites and applications for external clients.
- HTML, Javascript, ColdFusion, Microsoft Access, SQL Server.

**Phillip R. Spitler (a.k.a. Phil)**

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## **Previous Position: Technical Support / Customer Service Representative**

05/1996 - 06/1999

- Effectively troubleshoot customer challenges including virtual web hosting and dial-up internet access.
- Developed web application to take applications for internet access which were being done on paper.
- HTML, Perl

## **Education**

Mooresville Senior High School, Mooresville, NC — G.E.D.

## **Skills**

### **Operating Systems**

Mac OSX, Linux (Ubuntu Desktop, Debian Server), Windows (XP, Vista, 7)

### **Software Packages**

Sublime Text 2 (used MacVim and gVim for years prior), Vim, Eclipse, CFEclipse, Photoshop, Gimp

### **Programming Languages**

Ruby, Javascript, PHP, ColdFusion (4 - 5), ColdFusion MX (6 - 9)

### **Web Technologies**

HTML, CSS, AJAX, JSON, JSONP, jQuery, Node.js, Socket.io, Angular.js, Web Services, Ruby on Rails, Drupal, CakePHP, Sass, Compass

### **Databases**

MySQL, MongoDB, SQL Server, SQLite3

### **Version Control**

Git, Subversion, CVS

### **Other**

RabbitMQ, Amazon Web Services, Vagrant, Capistrano, Cucumber, Rspec, Phusion Passenger (mod\_rails), POW, Redmine, Refinery CMS, Drush, Responsive Web Design, Apache, Object Oriented Programming, Agile