

# Sean Soper

Project Lead / Technical Architect  
& Full-Stack Developer

301-458-0732  
sean.soper@gmail.com  
Rockville, MD

## ABOUT

Developer with 10+ years professional experience architecting, building and maintaining production-quality systems and applications.

## EDUCATION

*Purdue University* West Lafayette, IN  
Sept 1997 - May 2002

- Bachelor of Science in Computer Science
- Minors in History and Anthropology

## SKILLS

### *Languages*

Swift, Objective-C, JavaScript/ES6, Ruby, C, Java

### *Frameworks*

UIKit, Cocoa, Node.js, koa.js, Express.js, Rails, jQuery

### *Revision Control*

Git, Subversion

### *Datastores*

MongoDB, Redis, PostgreSQL, MySQL, SQL Server, SQLite

### *OSes*

OS X, Linux, Windows

### *Misc. Technical*

AWS, EC2, Docker, Jenkins, CI, SIMD, XMPP, web development, Bootstrap, Unix shell

## EXPERIENCE

*Washington Post* Washington, D.C.  
*Tech. Architect* May 2014 - Present

- Led development of national news product which launched in June 2015 as App Store featured app.
- Led creation of PostKit, an iOS SDK to ingest and render Washington Post-created content natively.

*Washington Post* Washington, D.C.  
*Lead Developer* Mar 2012 - May 2014

- Chosen as pre-release partner for Google ChromeCast, led integration of product with our Post TV platform on iOS.
- Created commenting system that ingested 20k comments daily and rendered for mobile users in less than 100ms.

*Vox Media* Washington, D.C.  
*Lead Mobile Developer* Feb 2011 - Mar 2012

- Led team in creation of SB Nation iPhone app which launched to No. 2 in 'Free Sports Apps' category.
- Developed the Vox Mobile Platform, a system for quickly creating native iOS apps using templated UI patterns and a common data source.

*Intridea* Washington, D.C.  
*Software Architect* Jan 2010 - Feb 2011

- Developer for combo web/mobile OilReporter app which allowed anybody to report and view oil sightings from the Deep Horizon oil spill. Spoke at TEDxOilSpill about our efforts.
- Helped develop Mashable! iPad app which launched and remained in top 20 App Store downloads throughout the summer of 2010.

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## ADDITIONAL EXPERIENCE

*Browser Media*  
*Software Developer*

Bethesda, MD  
Oct 2008 - Dec 2009

- Developed the myRadiology iPhone app to track users' exposure to radiation. Features extensive user interaction and animation plus a custom implementation of iTunes' CoverFlow.
- Simplified deployment and management of applications using centralized Capistrano settings.
- Created cross-browser compatible jQuery plugins to replace Flash content.

*Revolution Health*  
*Software Engineer*

Washington, D.C  
Jun 2006 - Sep 2008

- Worked with a team of 20+ developers to build the revolutionhealth.com site.
- Streamlined the membership purchasing process and created an API based on the ActiveRecord pattern to interface with existing Java services.
- Developed an in-house rich text editor working on both the front-end implementation using JavaScript and back-end sanitization using Ruby.
- Created a gem to generate metric reports for Rails applications and bolted onto our CI process thus giving developers immediate feedback on code complexity and CPU cost. Changes rolled back into metric\_fu gem.

*Health First Health Plans*  
*Senior Web Developer*

Rockledge, FL  
Aug 2005 - Jun 2006

- Inherited broken J2EE portal and had fixed the issues within six months, added error checking, implemented a versioning system and released it to our members for general use.
- Rewrote the member portal in less than a month using Ruby on Rails and also made it Section 508 compliant. Presented to management for approval and feedback. Cost savings was approximately \$240,000.

*Harris Corporation*  
*Software Engineer*

Melbourne, FL  
May 2002 - Jul 2005

- Managed the configuration and deployment of Google to company intranet and saved the company \$85,000.
- Ongoing development, implementation and maintenance of internal web applications using ColdFusion and Oracle 9i.

## ADDENDUM

Co-Founder CocoaHeadsDC  
Eagle Scout, 1995

References available upon request as well as a more detailed work history.