

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

Eagle Scout, 1995

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