

Sean Soper

Lead, Developer
& Technical Architect

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/Node, Kotlin, Ruby, C, Java

Frameworks

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

Revision Control

Git, Subversion

EXPERIENCE

Upside Travel Washington, D.C.
Sr. Lead Travel October 2017 - Present
Experience

- Lead a mixed team of web and native developers to support our customers' on-trip experience.
- Integrate travel-focused 3rd party services while providing unique in-app offers to drive downloads.
- Work with our talented data science team to bring experiments to life in our apps.

Upside Travel Washington, D.C.
Mobile Lead July 2016 - October 2017

- Built a mobile team from the ground app.
- Released the first version of the iOS app in just eight months with Android following four months later.
- Developed processes to support a stable deployment pipeline.

Washington Post Washington, D.C.
Tech. Architect May 2014 - July 2016

- Led development of national news product which launched in June 2015 as App Store featured app and won Digiday App of the Year.
- 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

- Led integration of pre-release Google Chromecast with our Post TV platform on iOS.
- Built scalable backend services in Node to support iOS clients.

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ADDITIONAL EXPERIENCE

Vox Media

Lead Mobile Developer

Washington, D.C.
Feb 2011 - Mar 2012

- Led team creating 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

Software Architect

Washington, D.C.
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.

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.

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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.