

Sean Soper

Leader, Developer
& Technical Architect

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

ABOUT

Developer with 15+ years experience leading teams, architecting systems and building production-quality 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, Kotlin, Ruby, C, Java

Frameworks

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

Revision Control

- Git, Subversion

Databases

- Snowflake, SQL, noSQL, Redis

Misc.

- Docker, ETL, Matillion, AWS, JIRA, Agile, Continuous Integration, bash

EXPERIENCE

Capital One McLean, VA
Sr. Eng. Manager April 2019 - Present

- Spearheaded development of Robot Unit Testing pattern for Card Tech Mobile.
- Leading teams focused on retainment of Mainstreet customers within the Capital One app.

Upside Travel Washington, D.C.
Sr. Lead Travel Experience Oct. 2017 - April 2019

- Led multiple teams of full-stack developers to support our customers' on-trip experience.
- Integrated with vendors to promote travel-focused services in-app.
- Worked directly with executive team to craft unified strategy and drive downloads.

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

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ADDITIONAL EXPERIENCE

Washington Post
Technical Architect

Washington, D.C.
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
Lead Developer

Washington, D.C.
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.

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.

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- 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 Ruby 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.