Sean Soper
MBA

Developer with 20 years of experience architecting systems, crafting code and building production-ready applications. People leader with 10 years of experience managing teams and delivering well-tested, high-quality features.

Experience

2019/04 – Present

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

2017/10 – 2019/04

Senior Lead Travel
Upside Travel
Washington, D.C.
- 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.

Education

2020 – 2021

Western Governors University
Salt Lake City, UT
- Master of Business Administration

1997 – 2002

Purdue University
West Lafeyette, IN
- Bachelor of Science in Computer Science
- Minors in History and Anthropology

Contact

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Location
Rockville, MD

Website
seansoper.com

GitHub
github.com/ssoper

LinkedIn
linkedin.com/in/seansoper

Skills

Mobile
Swift, Kotlin, iOS, Android, Objective-C, Java

Systems
Java, C, JavaScript, node.js, express, Ruby, Rails, nginx

Datastore
SQL, SQLite, PostgreSQL, DynamoDB, Snowflake, MS-SQL, mongoDB, redis

Cloud
AWS, Docker, Kubernetes, Firebase

Miscellaneous
Git, ETL, Matillion, CI, Jenkins, Bash, Linux, OSX, Agile, JIRA

Additional Experience

**2016/07 –
2017/10**

Mobile Lead
Upside Travel
Washington, D.C.

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

**2014/05 –
2016/07**

Technical Architect
Washington Post
Washington, D.C.

- 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.

**2012/03 –
2014/05**

Lead Developer
Washington Post
Washington, D.C.

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

**2011/02 –
2012/03**

Lead Mobile Developer
Vox Media
Washington, D.C.

- 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 templatized UI patterns and a common data source.

**2010/01 –
2011/02**

Software Architect
Intridea
Washington, D.C.

- 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.

2008/10 – 2009/12	**Software Developer**
	Browser Media
	Bethesda, MD

- 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.

2006/06 – 2008/09	**Software Engineer**
	Revolution Health
	Washington, D.C.

- 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 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.

2005/08 – 2006/06	**Senior Web Developer**
	Health First Health Plans
	Rockledge, FL

- 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 while making it Section 508 compliant. Cost savings was approximately $240,000 vs. vendor product.

2002/05 – 2005/07	**Software Engineer**
	Harris Corporation
	Melbourne, FL

- Managed the configuration and deployment of Google Search to company intranet saving the company $85,000 vs. existing vendor product.
- Ongoing development, implementation and maintenance of internal web applications using ColdFusion and Oracle 9i.

Addendum

2012	Co-founder CocoaHeadsDC
1995	Eagle Scout