

# Mike Spencer

Front End Engineer

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## About me

I'm a front end engineer with experience developing complex, high profile web applications collaborating with both small and large teams. I specialise in JavaScript, most recently thriving in an agile environment leveraging modern technologies such as React and Redux. I pride myself in writing scalable, elegant code — creating simple solutions to complex problems.

## Skills

- |                  |              |                     |
|------------------|--------------|---------------------|
| • JavaScript/ES6 | • React      | • Responsive Design |
| • Node.js        | • Redux      | • TDD               |
| • HTML5          | • Backbone   | • Python            |
| • CSS3           | • jQuery     | • Java/JSP          |
| • SASS/SCSS/LESS | • Handlebars | • PHP               |

## Experience

### Meetup Pro - New York, NY

#### UI Engineer

January 2016 - December 2017

- Architectural lead for replatforming Meetup Pro from a legacy monolithic codebase to a microservice backed Hapi + React + Redux isomorphic/universal SPA, leveraging the latest tools, such as Flow, Jest and Reselect.
- Squad lead for replatforming the *Members* and *Chapters* network admin features for Meetup Pro organizers; two of the most powerful features offered by Meetup Pro. Responsible for breaking down/organizing/estimating tasks, keeping the team in sync, writing documentation, as well as implementing features.
- Lead the development of a React UI component library for use throughout Meetup Pro. Some technologies used: Storybook for UI development and documentation/cataloging, CSS modules, Flow, and Rollup among others.
- Mentored an intern as well as junior engineers, participating in regular pair programming, training sessions, code reviews.
- Spearheaded the transition to the new Meetup Web Platform. Meetup Pro was the first business line at Meetup to transition to the new web platform. I provided feedback and helped shape the architecture of the web platform.
- Evaluated and introduced tools such as Enzyme, Recompose, and Redux Form into Meetup Pro's SPA.

### Meetup - New York, NY

#### UI Engineer

February 2014 - January 2016

- Migrated the JavaScript build in the Meetup codebase from RequireJS to Webpack, introducing tools such as Babel, empowering engineers to write better code by taking advantage of ES6 features.
- Introduced unit testing into the Meetup codebase using Karma and Jasmine.
- Hosted workshops on topics such as TDD, writing good unit tests, and latest ES6 features.
- Built payment related features, such as a contributions feature allowing members to give money to a Meetup group, as well as a tool for managing subscriptions, utilising Backbone with Handlebars templates.
- Standardized JavaScript code style by introducing JSCS.

## The Washington Post - Washington, DC

### Manager and Lead Commercial Web Developer

*Nov 2011 – February 2014*

- Built and implemented custom ad executions while coordinating with departments such as editorial and infrastructure to ensure flawless delivery.
- Pioneered new innovative ad products throughout the washingtonpost.com, slate.com, and theroot.com.
- Wrote efficient, scalable code on a daily basis to optimize website performance for The Washington Post's millions of daily users.
- Member of the Page Performance Team with the goal of optimizing website speed and performance.
- Deployed GPT ad scripts throughout washingtonpost.com, slate.com, and theroot.com to enhance website performance with fully asynchronous ad loading.
- Developed and implemented *viewable impressions* for ads so that they will only render when they are actually seen to improve page performance as well as ad performance metrics.

## The Washington Post - Washington, DC

### Commercial Web Developer

*Oct 2009 – Nov 2011*

- Worked as part of a team to develop custom ad executions.
- Developed tools/applications for the Digital Sales team and provided technical support.
- Built custom client websites using the MovableType CMS, such as China Daily's ChinaWatch.
- Maintained and enhanced the JavaScript that renders all of the ads on washingtonpost.com, slate.com, and theroot.com.
- Debugged issues with 3rd party creative code.
- Built a scalable, lightweight, dynamic Flash video player that became the standard video player in custom ad units built in-house.
- Developed a tool to quickly and easily generate code for ad placements.

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## Education

### B.S. Interactive Media, School of Media Arts & Design

#### James Madison University - Harrisonburg, VA

*Aug 2005 – May 2009*

- Focused on front-end web development such as HTML, CSS and JavaScript.
- Completed Computer Science classes covering OOP and Java.
- Studied Adobe CS including Flash and ActionScript programming.