

# Brian Ephraim - Frontend Engineer at OkCupid

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[linkedin.com/profile/view?id=112481106](https://www.linkedin.com/profile/view?id=112481106)

[github.com/default](https://github.com/default)

[gist.github.com/default](https://gist.github.com/default)

## Code samples (unminified, view source)

- [default.github.io/sloganizer/](https://default.github.io/sloganizer/)
- [default.github.io/accordionizer/](https://default.github.io/accordionizer/)
- [www.inperson.in](http://www.inperson.in)

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## Technology experience

### Javascript

Angular - jQuery - Grunt - RequireJs - WebSockets - AJAX - Backbone - Meteor - Bower

### CSS3

Sass - Bourbon - LESS - Bootstrap - Foundation

### Backend

Node - MongoDB - AWS - PHP - MySQL

### Version Control

Git - SVN - CVS

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## Expertise

Single page, mobile first, native-like web apps - Architecture - Development - Deployment - Workflow - Backend integraion - API modeling - Debugging - Product and feature design

### Javascript MVC/MVW application architecture

Single page web apps delivery from a variety of frameworks

## **Integration with backend**

Asset server requirement specification

API modeling collaboration

## **Development environment**

Development environment implementation with localhost server, endpoint proxying, remote debugging, spritesheet generation, deployment scripts, cache-busting mechanisms, and asset compilation

## **CSS3/JS Animation**

Complex browser animation with fluid frame rates and 3D effects, with bouncy easing, across Android 2-4, iPhone, iPad, and desktop browsers.

## **Touch and other DOM event handling**

Pinch-to-zoom, tap-and-drag, Tinder-style swipe cards, infinite scroll, and pull-to-refresh implementation across mobile browsers.

## **Responsive design**

Fluid CSS, Media queries, Retina vs non-retina, js window resize and orientation handler use.

## **Mobile debugging**

Resolution of cross-browser variance, idiosyncracies, and limitations.

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## **Professional Development**

### **OKCupid - Frontend Engineer, Frontend Engineer, November 2013 - Present**

- Implementing the front-end redesign of multiple mobile-web dating properties
- Developing entire Angular single page mobile web apps from the ground up
- Coding advanced, cross-browser features:
  - infinite scroll
  - pull to refresh
  - pinch to zoom
  - photo upload
  - instant chats and notifications with web sockets
  - Tinder-style card swiping
  - animated screen transitions with fluid framerates and 3D effects
  - swipable image galleries
  - phone/tablet responsive
  - geolocation
  - sticky footers and headers

- lazy loading javascript assets
- Assembling featureful Grunt development environment:
  - localhost server
  - Weinre remote device debugging
  - effortless retina/non-retina spritesheet generation
  - endpoint proxying
  - deployment scripts
  - cache-busting mechanisms
  - asset compilation
  - git integration
- Coding in both sole-ownership and team-contributor scenarios
- Migrating architecture between projects
- Collaborating closely with designers on product features
- Writing detailed specification documents for backend developers
- API modeling collaboration with backend developers
- Reaching millions of page views

#### **Viggle Inc. - Senior Web / Javascript Engineer, April 2013 - October 2013**

- Architecting an AngularJs HTML5 app within a hybrid iPad app with transactional functionality.
- Directing and merging code contributions.
- Coordinating production deployment.
- Estimating tasks, researching technology, and planning for future initiatives.

#### **inPerson.in / Blaboid Inc. - Entrepreneur, November 2010 - April 2013**

- Launching a privacy focused social networking platform for finding people to meet in person to do activities or have conversations.
- Coordinating business needs with lawyer, accountant, and consultants.
- Developing the platform, consisting of a single page HTML5 mobile web app with user generated content, hosted on Amazon, with PHP/MySQL backend.

#### **Alexander Interactive - Front End Web Developer, May 2011 - March 2012**

- Serving E-commerce clients such as Lowe's Home Improvement.
- Doing agile with daily scrum calls, sprint planning/review, and demos for executive product owners.
- Flying to client corporate headquarters for onsite consulting.

#### **KickApps/Kit Digital - Front End Web Developer, October 2010 - May 2011**

Developing social portals for such clients as:

- The Doctor Oz TV Show
- MIT University
- Penguin publishers
- Book Of Cool
- Squabbler
- Sharecare
- Leap4Life

**Rail Europe - Web designer, October 2006 - October 2010**

- developing mobile and desktop web front end

**Epoch - Audio Engineer/Guitarist, 2005 - 2006**

- writing songs
- performing shows
- audio engineering recordings
- assembling and programming electronic instruments
- building the band's website

**Regeneron Pharmaceuticals - Graphic designer, July 2000 - October 2005**

- Designing logos, banners, posters, fliers and presentation materials
- Preparing images for patent submission
- Formatting scientific imagery for publication

**Education**

Philosophy Major, Bachelor of Arts, Ithaca College, Ithaca, NY