# **Brian Ephraim** - Frontend Engineer at OkCupid

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## Code samples (unminified, view source)

* [defualt.github.io/sloganizer/](http://defualt.github.io/sloganizer/)
* [defualt.github.io/accordionizer/](http://defualt.github.io/accordionizer/)
* [www.inperson.in](http://www.inperson.in)

## 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

## 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 environemnt 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-refersh implentation 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.

## 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