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

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## Objective

Frontend for responsive web app, responsible for architecture, development, feature design, workflow, deployment, integration with backend, API modeling, debugging, task delegation, team organization, and department representation.

## Specialties

* scalable Angular responsive mobile web single page apps built from the ground up
* touch, gesture, and animation features
* load time, browser performance and user experience optimizations
* development environments
* backend integration

## Technical experience summary since July 2000

**Languages:** Javascript\* - HTML5\* - Sass\* - CSS3\* - Bash\* - LESS - PHP - SQL**Libraries:** Angular\* - jQuery\* - RequireJs\* - Ui-Router\* - Ui-Router Extras\* - VelocityJs\* - Raven\* - Bourbon\* - Bootstrap - Foundation - Meteor - Backbone**Servers:** Node\* - Apache**CLI:** Grunt\* - Vagrant\* - ImageMagick\* - Bower\* - Yeoman**Cloud services:** Sentry\* - Github\* - Amazon Web Services (AWS)\* - GitLab - BitBucket**Network:** AJAX\* - Weinre\* - WebSockets\***Graphics Applications:** Photoshop\* - Illustrator - InDesign - Sketch**Other Applications:** Sublime\* - iTerm2\* - Chrome Dev Tools\* - iOs Simulator\* - Genymotion\* - All the Browsers\***Version Control:** Git\* - SVN - CVS**OS:** OSX\* - Windows 7/XP**Databases:** MongoDB - MySQL

*indicates current stack*

## Career

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

* Developing Angular single page mobile web apps from the ground up
* Coding features, including:
  + enhanced UX with touch events and animation
  + infinite scroll
  + pull to refresh
  + pinch to zoom
  + photo upload
  + instant chats and notifications with WebSockets
  + Tinder-like card swiping
  + animated screen transitions with 3D effects
  + swipeable image galleries
  + phone/tablet responsive
  + geolocation
  + sticky footers and headers
  + lazy loading javascript assets
* Assembling Grunt development environment, including:
  + localhost server
  + Weinre remote device debugging
  + effortless retina/non-retina spritesheet generation
  + endpoint proxying
  + deployment scripts for a variety of asset servers, including AWS
  + cache-busting mechanisms
  + asset compilation
  + rollback functionality
  + git integration
* Optimizing load times with VanillaJs landing pages, asyncronous-on-demand asset loading, bundling, and compression
* Owning an entire codebase
* Sharing codebase with other front-end engineers
* Tracking user events and analyzing behavioral trends
* Organizing project roadmaps
* Transferring architecture and features between separate 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
* Pixel perfect styling

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

* Owning the Angular codebase for two single page apps
* Delegating tasks to other frontend engineers
* Coordinating production deployment with backend
* Estimating tasks, researching technology, and planning for future initiatives

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

* Launching an innovative social networking platform
* Coordinating business needs with lawyer, accountant, and consultants
* Developing the platform, consisting of a single page HTML5 Backbone mobile web app with user generated content, hosted on Amazon, with PHP/MySQL backend

### Alexander Interactive - Frontend Web Developer, May 2011 - March 2012

* Serving E-commerce clients such as Lowe’s Home Improvement and Adorama.
* Doing agile with daily scrum calls, sprint planning/review, and demos for executive product owners.
* Flying to client corporate headquarters for onsite consulting.
* Working with distributed team members via Skype and email.

### KickApps/Kit Digital - Frontend 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
* Working with distributed team members via Skype and email.

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

* developing mobile and desktop e-commerce web frontend

### Epoch - Guitarist, September 2003 - October 2006

* writing songs
* engineering audio
* producing albums
* performing shows
* building and programming electronic instruments
* creating 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 journal publication

## Education

2003 Ithaca College, Ithaca NY, Bachelor of Arts, Philosophy Major

## Favorite things

Long Bay Beach BVI - Hiking - Legos - my cats - Daredevil - Feed Me - Zillow - coding