

# Brian Ephraim - Frontend Engineer at OkCupid

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

work sample: [m.datehookup.com](http://m.datehookup.com)

work sample: [mobile\\_web.okcupid.com](http://mobile_web.okcupid.com) side-project sample: [www.bernieselfie.com](http://www.bernieselfie.com)

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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.

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## 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*

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## 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, asynchronous-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

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**Education**

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

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## **Favorite things**

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