Brian Ephraim - Frontend Engineer at OkCupid

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github.com/defualt
gist.github.com/defualt

Code samples (unminified, view source)

- defualt.github.io/sloganizer/

- defualt.github.io/accordionizer/

- 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