Brian Ephraim - senior frontend engineer

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16 year professional summary

Technology

Languages: ES6 - Javascript - HTML5 - Sass - CSS3 - Bash - LESS - PHP - SQL
Frontend libraries: React - Redux - Angular - jQuery - Require - Backbone
Tooling: WebPack - NPM - Gulp - Grunt - Docker - Vagrant - ImageMagick - Bower - Yeoman
Servers: Node - Apache
Testing: Mocha - Chai - Enzyme - Karma - Jasmine - Protractor
CSS libraries: Bourbon - Bootstrap - Foundation
Databases: MongoDB - MySQL
Cloud services: Amazon Web Services (AWS) - Github - Sentry - GitLab - BitBucket
Client/Server Communication: AJAX - WebSockets
Graphics Applications: Sketch - Zeplin - Photoshop - Illustrator - InDesign
Other Applications: Sublime - iTerm2 - Chrome Dev Tools - iOs Simulator - Genymotion - All the Browsers
Version Control: Git - SVN - CVS

Career

Building Robotics (internet of things) - Senior Frontend Engineer, November 2016 - Present

- Spearheading stack migration towards Webpack, Redux, and React
- Establishing end-to-end test system
- Integrating websockets in application frontend
- Reviewing contributor code
- Working 100% remote
- Agile

OKCupid (dating website) - Frontend Engineer, November 2013 - August 2016

- Building single-page and mutli-page web apps
  - Using React and Angular
  - responsible for entire dating site front end feature sets
  - in both sole code owner and collaborative roles
- Developing features, such as
  - complex business logic
  - touch and swipe interaction

- infinite scroll
- pull to refresh
- pinch to zoom
- photo upload
- Instant chats and notifications with WebSockets
- Tinder-like card swiping interface
- animated screen transitions with 3D effects
- swipeable image galleries
- phone/tablet responsive
- geolocation
- sticky footers and headers
- lazy loading assets
- optimized load times via vanilla.js landing pages, on-demand asset loading, bundling, and compression
- unit tests

- Assembling Grunt development environment, including:

  - localhost server
  - remote debugging console
  - effortless retina/non-retina spritesheet generation
  - endpoint proxying
  - build and deployment scripts for a variety of asset servers, including AWS
  - cache-busting mechanisms
  - asset compilation
  - rollback functionality
  - git integration

- Owning entire Git codebases
- Sharing Git codebases with other front-end engineers
- Conducting A/B tests
- Tweaking designs based on test results
- Organizing project roadmaps
- Transferring architecture and features between separate projects
- Writing detailed specification documents for backend developers
- Collaborating with backend developers on API modeling
- Collaborating closely with designers on product features
- Styling CSS with pixel perfect alignment against designer files

BernieSelfie.com (side project) - creator, July 2015 - Present

- creating a website that helps people combine their photos with campaign graphics and share the result on social media

Viggle Inc. (second screen app) - 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

Blaboid Inc. (startup) - Entrepreneur, November 2010 - April 2013

- Launching a 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 (agency) - 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 (agency) - 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 (travel website) - Web designer, October 2006 - October 2010

- developing mobile and desktop e-commerce web frontend

Epoch (band) - 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