

Brian Ephraim - principal frontend engineer

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18 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: Jest - 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

TED Conferences (video & education) - Consultant, January 2018 - present

- Developing React Native applications from the ground up (iOS, Android, and web)
- Meeting application requirements as sole app developer on one project
 - launching the app to production in iOS App Store and Android Play Store and as a web app
 - setting up a new React Native project
 - deploying with Fastlane to Android and iOS Beta testers
 - handling Apple and Google signing certificates
 - built entire application's screens and business logic
 - developing a custom navigation system

- building backend in Node to support Beta phase
- communicating backend requirements for production needs to backend engineers
- accomplishing network interacting with GraphQL
- integrating Codepush for faster iterations
- closely collaborating with design and product on features
- building a custom video player with video download and caching functionality
- inventing a markdown-based pseudo CMS for non-technical copy contributors
- Technical leading on another brand new React Native project
 - maintaining both projects together as a monorepo with a custom architecture to maximize code sharing
 - converting specifications into tickets for other engineers to accomplish
 - providing principle code reviews for four engineers to ensure code quality, performance, and conformance with established systems and patterns

Float (resource scheduling) - Senior Frontend Developer, November 2017 - March 2018

- Building a Slackbot
- Implementing new features and bug fixes on a complex legacy website
- Using React and Redux

Building Robotics (internet of things) - Senior Frontend Engineer, November 2016 - May 2017

- Migrating build process towards Webpack
- Advocating migration towards React/Redux
- 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 multi-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 - May 2017

- 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
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Education

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