BRETT
BUKOWSKI

Software Engineer

San Francisco, CA

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GitHub - BrettBukowski

I'm an experienced, product-focused engineer looking to advance my career. I want to help build a product where a clear vision and a talented group of people executing on that vision produces software that helps millions of people. I want to help solve challenging problems. I'm learning to ask better questions. I have a strong ability to learn from other engineers and I hope to work with other skilled engineers in order to deepen my programming skills and learn new ways of solving problems.
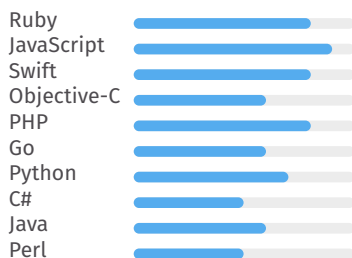
OVERVIEW

- I place a strong emphasis on writing testable code that's intended for consumption by other developers.
- I value readable code and I'm always in search of more elegant solutions.
- I enjoy learning new programming languages and at becoming more adept with languages that I'm familiar with.
- I'm accustomed to shipping software using an agile methodology and scrum process.
- I possess practical knowledge of relational databases, distributed memory caches, and other technologies used to build modern, scalable web applications.

EDUCATION

MONTANA STATE UNIVERSITY
Bachelor of Science, Computer Science   **May 2008**

SKILLS

Languages

Ruby
JavaScript
Swift
Objective-C
PHP
Go
Python
C#
Java
Perl

WORK EXPERIENCE

TILT
San Francisco, CA   **January 2015 - Present**

Senior Software Engineer

I had the opportunity to serve as a core member on three different teams at this fast-moving startup.

- Built a number of high-impact commerce features in the iOS app
  - Referral sales system
  - Ticket checkin w/ QR code scanner
  - Marketing promotion feature
- Built a number of growth-driving features on the tilt.com website and within the Tilt iOS app
  - Mobile app promotion banner and splash page on the tilt.com website
  - In-app promotional popup targeting specific user cohorts
- Refactored a big portion of the iOS codebase from Objective-C to Swift and drove the Swift 3.0 migration
- Driving an effort to reduce massive technical debt, refactored an antiquated campaign organizer dashboard into a React-driven app with a modern UI
- Built-out and maintained an internal admin Rails app that employees use for customer support
- Working with the growth team, built a Rails-based ambassador website where brand ambassadors can view leaderboards and track their stats
- Worked with the CEO and Director of Growth to build an internal portal for employee resources backed by a Rails-based CMS
- Served as an internship program mentor and participated in recruiting efforts on several university campuses

Experience with the following frameworks and technologies

- iOS - UIKit
- Rails, Sinatra
- React, Backbone, AngularJS
- Express
- Apache, Nginx
- MySQL, Postgres
- Redis, memcached
- MongoDB, CouchDB
- LESS, SASS, vanilla CSS

Areas of Expertise

Adept at building iOS applications using tools like:

- UIKit libraries
- Autolayout
- Cocoapods
- Unit tests and functional testing (Calabash)
- Libraries like AFNetworking, Snapkit, etc.

Highly-skilled in front-end web development techniques such as:

- Modern JavaScript applications
- CSS (CSS3 as well as preprocessor frameworks)
- HTML5 elements and modern browser APIs
- Web page accessibility (supporting JAWS and Voiceover screen readers)
- Responsive web design as well as websites designed specifically for mobile devices

RIGHTNOW TECHNOLOGIES
Bozeman, MT

2008 - 2015

Acquired by Oracle, 2012
Web Engineer

Lead member on a team that built a web platform powering many big-time customer support websites. This product was a hosted, PHP-based application framework that provided a rich set of UI widgets for building support features.

- Built developer-facing framework APIs in PHP and JavaScript.
- Made enduser-facing features comprised of PHP, JavaScript, and CSS components.
- Communicated with customers and platform developers via web forums.
- 4-time RightNow-Oracle development hackathon winner (1 solo, 3 team).
- Built and maintained several internal, standalone web apps and other internal tools as part of 20% time.
- Gave multiple talks at developer conferences (2010 & 2011 RightNow Developers Conference) and several talks internal to the organization.

🚀 SIDE PROJECTS

These are some things I've built to scratch an itch and to explore technologies outside the purview of what I'd see at work.

CatchLater (https://catchlater.com)

Web app to stash off online videos (Youtube, Vimeo, TED, etc.) for watching later.

➡ Built using Rails and MongoDB.

TweetStasher (http://tweetstasher.com)

Simple web app to save off drafts of tweets to post later.

➡ Small NodeJS app built with Express, Backbone, and CouchDB.

Colorant (http://colorantapp.com)

Niche iPhone app to inspect colors in photos with a color picker and view generated color palettes.

➡ Built with pure Objective-C and UIKit APIs.

Tomatar (http://tomatar.com)

Pomodoro timer web app.

➡ Built with AngularJS, Postgres, and the Flatiron NodeJS libraries.