Alexander D. Bannon

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Full Stack JavaScript Enthusiast

I am a team-oriented, self-motivated programmer. I prefer a direct approach to challenges and I thrive in fast-paced, hands-on, and collaborative environments. I constantly challenge myself with new issues, languages, libraries, and frameworks and I seek out settings that promote growth.

Technical Skills

Strongest: ES6 JavaScript, jQuery, Angular, HTML 5, CSS/SCSS, Ruby, Node, Express, Handlebars, Rails, Gulp, AWS (S3, EC2, DynamoDB), Postgres, Mongo, Active Record, Sequelize, Redis, Memcached, iOS, Swift 3, Xcode
Tools/Services/Testing: Jenkins, Jira, Bitbucket, Git, Mocha, Protractor

Experience

Mobile Posse - Senior Full Stack Developer   December 2016 – Present
Full Stack Developer   October 2015 – December 2016
- Created and maintained various user-facing applications built in Node, Express, Postgres, and Angular as well as sites built with Node, Express, Handlebars, and DynamoDB.
- Formalized the onboarding process for new hires. Established and maintained the coding process including branch management, best practices, unit testing, and code review.
- Updated gulp build processes and node versions on all apps and Chef recipes.
- Implemented new tools for analytics tracking including Google Tagmanager and Newrelic SPA.
- Oversaw the migration of ad providers from AdSense to header bidding and DFP.
- Created a location module now installed on all apps that collects users best known location and provides the data dynamically to the application – utilizes OS native location when granted, browser geolocation, IP address, and zip code, falling back to whichever permission is available

General Assembly - Web Development Immersive   June 2015 – September 2015
During my time at GA, I collaborated with UX on a rails app, focused extensively on front & back end development, learned numerous frameworks including Backbone, Angular, and Bootstrap, acted as project lead during a weeklong project, and ultimately created multiple applications including:
- Empty Desks: Mongo, Express, Angular, and Node and deployed on AWS EC2. A single page app where users collaborate on tasks with calendar integration.
- WanderList: Node.js and Express back end, JS, jQuery, AJAX, Bootstrap, and Mapbox API front end with a structure influenced by backbone. Users visualize their travels on a virtual pin-board, mapping their geographical conquests and desires. Deployed on Heroku.
- Trip-Me: Completed in conjunction with UX, this app focused on design and user research before implementation. Utilizing the Instagram and Mapbox API on top of Rails, users plan their next vacation based on photos taken in that area. Deployed on Heroku.

Consultant for CGPS, PSN, Center for Global Development, NARAL   August 2013 – June 2015
My role was primarily research, communications, and data related. Relevant skills include Access, Excel, and SQL.

Ongoing Projects

BrowserSTREAMS - www.browserstreams.com
A Node 7, Express, Postgres 9.6, and Angular 1.6.2 app where users are able to browse across multiple online streaming services – Netflix, Hulu, HBO, and Amazon. Data is gathered from the Guidebox API and supplemented with data from IMDb and occasional Cheerio scraping. Images are transformed using ImageMagick and are hosted on S3. Testing done through Mocha, Protractor, and ESLint. Deployed on a t2 nano ec2 instance set up on an Amazon Linux AMI. Currently building an iOS app in Swift 3 and Xcode to consume the web API.

Education

Boston University   **General Assembly**
B.A. Philosophy   Web Development Immersive
B.S. Film and Television   Washington, DC – 2015
Boston, MA – 2010