Alexander D. Bannon

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Full-Stack Lead Software Engineer

I am a team-oriented, self-motivated programmer. I prefer a direct approach to challenges and I thrive in candid, communicative, 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: JavaScript, jQuery, Angular, React, HTML 5, CSS/SCSS, Ruby, Rails, Node, Express, Handlebars, Gulp, AWS (S3, EC2), Postgres, MongoDB, Active Record, Sequelize, Redis, Memcached
Tools/Services/Testing: Jenkins, Jira, Asana, Trello, Bitbucket, Git, Mocha, RSpec, Protractor

Experience

Metis/Kaplan Test Prep - Lead Software Engineer   May 2018 – Present
- Lead the engineering team through sprint planning, grooming, estimation, commitment, one-on-ones, retrospectives, code reviews, design documents, post-mortems, mentorship, training, and on-boardings.
- Communicate velocity, frustrations, and successes to upper management and enact changes to improve impact.
- Conduct product planning and prioritization meetings, scope projects before prioritization, design solutions to problems, head kickoff meetings, and communicate progress and data-driven results back to key stakeholders.
- Utilize Ruby on Rails, Postgres, React, ERB, Heroku, Cloudflare, S3, and JavaScript to design and implement solutions to prioritized projects.
- Enacted a CI system, increased test coverage from 0% to 90%, and enforced testing best practices.
- Maintain our Salesforce instance, improve automation and existing processes, build apex classes.

Blackbook LLC - Lead Software Engineer   October 2017 – May 2018
- Instituted an agile workflow and sprint process that included: 2 week sprints, migrating from Google Docs to Trello, and setting up code reviews and minimum requirements for pull requests.
- Implemented unit and e2e testing across three apps and improved testing coverage.
- Led the software development and migration of the app from a reservation-based system to on-demand ordering with POS integration utilizing Ionic/Cordova, Angular 2, Node, Koa, JavaScript, MongoDB, and Mongoose.

Mobile Posse - Senior Full Stack Developer   December 2016 – June 2017
Mobile Posse - 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 and implemented new tools for analytics tracking.
- Oversaw the migration of ad providers from AdSense to header bidding and DFP.

Consultant for CGPS, PSN, Center for Global Development, and NARAL   August 2013 – June 2015
Built simple HTML, CSS, and JavaScript sites and expanded research databases using Access, Excel, and MySQL.

Education

Boston University	**General Assembly**	**Hunter College - CUNY**
B.A. Philosophy	Web Development Immersive	Non-Degree Math/CS Classes
Boston, MA – 2010	Washington, DC – 2015	New York, NY – 2019

Ongoing Projects

BrowserSTREAMS
A Node, Express, Postgres, and Angular app where users browse data from Netflix, Hulu, HBO, and Amazon. Data is gathered from the Guidebox API and supplemented with data from IMDb and occasional Cheerio scraping. Currently experimenting with Swift to build out an iOS app that consumes the web API.