Alexander D. Bannon

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Product-Focused Head of Engineering and Team Lead

I am a team-oriented, self-motivated, and product-focused engineering manager. I prefer a direct approach to challenges and I thrive in candid, communicative, and collaborative environments. I constantly challenge myself with new issues, languages, and libraries, and I thrive in growing, fast-paced settings.

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
Services/Testing/Tools: Jenkins, Heroku, Bitbucket, Git, Mocha, RSpec, Protractor, Jira, Asana, Trello

Experience

Metis/Kaplan Test Prep - Lead Software Engineer   May 2018 – Present

- Head of the engineering department, reporting directly to the President. Responsible for communicating velocity, vision, successes, and challenges to the C-Suite and coordinating top-down goals and KPIs.
- Lead the engineering team through sprint planning, grooming, estimation, commitment, retrospectives, code reviews, design documents, and post-mortems. Responsible for the team's overall velocity and output.
- Manage direct reports through one-on-ones, mentorship, training, on-boarding, and day-to-day guidance.
- Hire and onboard new engineers - expanded the engineering team by 100% in the first year.
- 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 - Lead Software Engineer   October 2017 – May 2018

- Led the engineering team, reporting directly to the CEO and CTO.
- 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.
- Migrated 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 best coding/testing practices.
- 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 - CGPS, PSN, Center for Global Development, and NARAL   August 2013 – June 2015

- Built public-facing and internal web apps for policy-focused clients using HTML, CSS, JavaScript, and MySQL with a focus on data security and data management.

Education

Boston University	**General Assembly**	**Hunter College - CUNY**
B.A. Philosophy	Web Development Immersive	Non-Degree - Computer Science

Ongoing Project

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.