

Jonathan Castillo

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Summary

Results-oriented Software Engineer with 11 years of professional hands-on experience in full-stack development, specializing in Javascript and Ruby. Adept at driving impactful projects that deliver tangible business outcomes. Key achievements include:

- Lead engineer for Automated Ad Strategy Recommendations, enabling creators to maximize earnings and save internal employees' time.
- Lead engineer for the successful launch of the Extra Toy Series on BARK's Add To Box experience, resulting in a significant improvement in recurring revenue.
- Played a pivotal role as a member of BARK's Growth Squad, implementing product iterations that resulted in a significant 15% improvement in funnel conversion rates.
- Built and delivered Evidon Tag Control as Principal Engineer, a product leveraged by Fortune 500 clients such as Ford and PG&E.
- Founded PollSports, a web and mobile application that provides high-quality fantasy football advice.

Skills

- **Programming Languages:** Ruby and Javascript.
- **Database Management:** Relational & NoSQL databases (Postgres, MySQL, Firebase).
- **Software Architecture:** Ruby on Rails, Angular, and Vue.js.

Experience

Principal Software Engineer, *Capital Technology Group* March 2025 - Present

- Full-stack engineer working with Ruby, Ruby on Rails, and JavaScript.
- Leading projects for the U.S. Department of Homeland Security, delivering secure and scalable web applications.
- Collaborating with cross-functional teams to design and implement robust software solutions aligned with federal standards.

Senior Software Engineer, *Raptive* September 2023 - September 2024

- Lead engineer for Automated Ad Strategy Recommendations, enabling creators to maximize earnings and save internal employees' time.
- Tasked with building full-stack product iterations for internal applications.
- Developed backend functionality using Typescript and Nest.js.
- Developed front-end functionality using Angular.

Founder, PollSports April 2019 - Present

- Founded PollSports, a web and mobile application that provides fantasy football advice.
- Designed and developed the web application experience using JavaScript and Angular.
- Leveraged Node.js and Firebase to handle real-time communication and database management.

Senior Software Engineer, BARK (NYSE: BARK) September 2019 - July 2023

- Employed at BARK throughout the company's transition to a publicly traded organization (NYSE: BARK).
- Lead engineer for Extra Toy Series on BARK's Add To Box experience.
- Lead engineer for the Bright subscription funnel MVP launch.
- Updated the checkout process to support address and payment method reuse.
- Tasked with building full-stack product iterations to increase funnel conversion.
- Ensured code quality and coverage by writing comprehensive RSpec test suites.
- Collaborated closely with UX Designers to build front-ends with Javascript and Vue.js.
- Leveraged Agile methodologies and Continuous Integration/Deployment infrastructure to rapidly prototype and validate ideas.

Software Engineer, Crownpeak August 2017 - August 2019

- Principal engineer for Tag Control, a product used by Fortune 500 clients.
- Developed and built the intuitive Tag Control UI using Angular 7.
- Successfully maintained Evidon Tools, a browser extension built with Backbone.js.

Software Engineer, Evidon from Crownpeak February 2017 - August 2017

- Maintained Evidon's Ruby on Rails Ad Notice UI, generating over \$7M/year in revenue.
- Developed Critical Path Monitoring, a B2B web application built in Angular and Sails.js.
- Utilized Ruby, JavaScript, HTML, and CSS to solve problems.
- Acquired by Crownpeak in August 2017.

Software Engineer, Ghostery August 2013 - February 2017

- Developer for the Ghostery browser extension, serving 10 million unique users.
- Primarily responsible for front-end engineering and UI design updates.
- Implemented the popular front-end "Purple Box" feature for Ghostery.
- Created authentication views for Ghostery v7 using Javascript, HTML, and Sass.
- Acquired by Cliqz GmbH in February 2017.

Education

Startup Institute New York, Full Stack Development 2013

Dev Bootcamp San Francisco, Full Stack Development 2012

BSBA, Business Administration and Management, Boston University 2007-2011