Jesse Atkinson

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Profile

Hello! My name is Jesse. I'm a full-stack engineer experienced in creating fully responsive, mobile first web applications. I'm a proponent of test-driven development, modular & easily-testable code, and functional programming.

Skills

Languages — JavaScript, Scala, Ruby, Python, Go, Scala, HTML, CSS, Bash
Frameworks, Libraries, & Tools — Cats, React, Redux, Docker, Angular, Backbone, Ramda, Lodash, Node, Ruby on Rails, Sass

Full-Time

Senior Software Engineer, Credit Karma; San Francisco, CA — October 2019–Present
At Credit Karma I transitioned fully to the back-end and work almost entirely in Scala. I teach a Scala course as part of the backend bootcamp. On the Recommendations Team I've implemented many updates and improvements to our recommendation system integrating with third-party clients that tailor offers to users using predictive data models. I'm also a key engineer on our greater testability effort to improve our ability to test our micro-service architecture end-to-end.

Senior Software Engineer, Khan Academy; Mountain View, CA — April 2018–September 2019
As part of Learning Platform I was instrumental in developing our new Mastery Learning (learn more about that here), our migration from an internal build tool to Webpack, our decision & migration from Python 2 to Go, and various other user-facing product updates to khanacademy.org.

Senior Software Engineer, Earnest; San Francisco, CA — November 2015—April 2018
On the Growth Team I was a lead engineer on several client-facing projects pertaining to our website such as Student Loan Origination, email referral service, and feature flag service. Responsible for everything from UI flow to our rate calculator. I then transitioned to the Platform Team where I created a Snapshot service that provided a detailed timeline of how client's data changed over time, a validation library for validating our loan data (you can read more about that here), and rearchitected how we interact with third-party financial account providers. Lastly, I ran our external-facing engineering blog.

Software Engineer, SocialCode; San Francisco, CA — January 2015–November 2015
Built ad generation tool and an analytics dashboard allowing brands to create & run ads as well as view their metrics across multiple social networks. Was the lead engineer for the company's rebranding efforts. Led the effort to set up a test suite and wrote tests for the entire app (which was previously untested) and made it part of our build.

Software Engineer, TuneIn; Palo Alto, CA — January 2013–December 2014
I worked on TuneIn's ads and analytics platform—Amplifier. Built out the ad management tools for our in-house ad network, custom third-party ad network analytics integrations, retention & engagement metrics tools, and an analytics dashboard. I was responsible for architecting & building our A/B Testing tool.

Web Developer, ePrize; Detroit, MI — December 2011–December 2012
Lead developer for the ePrize site redesign project. Part of the team that transitioned the engineering department from Waterfall to Agile. Modernized our promotions templates to be fully-responsive and support retina displays.

Tech Lead, Team Detroit; Detroit, MI — May 2011–December 2011
Oversaw the development of the Ford SYNC redesign and the My Saved Items project. Created and maintained several reusable JavaScript application libraries and plugins. Managed creative and client expectations through engineering consultation.

Web Developer, MRM Worldwide; Detroit, MI — January 2011–May 2011
Created vehicle photo-slider and color changer tool that is featured atop every vehicle page. Converted "Build Your Own" vehicle tool from a Flash-only application to an HTML5 application.

Freelance

Project Manager & Developer, Layers; San Francisco, CA — Spring 2016 & Spring 2017
Wrote all code & handled all hosting responsibilities for 2017.layers.is & 2016.layers.is

Web Developer, Heirloom; San Francisco, CA — Summer 2016
Wrote all code for the legal pages (terms & conditions, etc.) for heirloom.net/ (now defunct).

Web Developer, Our City Our Story; Rockford, IL — May 2012–September 2012
Wrote all code & handled all hosting responsibilities for ourcityourstory.com

Education   Bachelor of Science, Web Development, Baker College — 2009