

Ryan McAfee

EXPERIENCE

RaiseMe: Senior Software Engineer

July 2015 - Present

🌐 www.raise.me

- Architected, built, and launched a new product targeting community college students by myself, creating a significant new revenue stream.
- Built and led a team of 3 to continue to deliver features on the community college product as tech lead, where I was responsible for weekly 1:1s with my peers and for coordinating product development.
- Coordinated/set up first SLA in company history.
- Re-architected achievement notifications for speed and consistency, taking them from 1-5 seconds down to consistently under 150ms, meeting the SLA.
- Built micro-services in Go to help us scale from 40,000 to 1.2 million users.
- Moved our technology stack to modern web development patterns and frameworks such as Webpack, React, and Redux, utilizing ES6 Javascript.
- Designed interview process for software engineers and data scientists and interviewed hundreds of engineers to grow our team from 2 to 16 engineers.
- Promoted to Senior Software Engineer from Software Engineer July of 2017.

Originate: Software Engineer

August 2014 - July 2015

🌐 www.originate.com

- Built features and new products for 4 client companies, who ranged from small startups to large (> 500 people) companies.
- Built analytics event processing integrations for a Segment competitor.
- Helped refactor a Backbone app for a large company to React and Flux (pre-Redux), which helped set me up for the major migration I later led at RaiseMe.

Spot Trading LLC: Software Engineering Intern

June 2013 - Aug 2013

🌐 www.crunchbase.com/organization/spot-trading-llc

- Built and maintained trading applications in C++ to interface with stock/options exchanges and process millions of trading messages.
- Built GUI applications in C# utilizing ZeroMQ to integrate data streams from the network so traders could set custom alerts to monitor their trading algorithms' performance, reducing risk of more aggressive algorithms.
- Maintained a web application in Tornado Web Server for displaying trade diff reports.

Stagecoach: Cofounder/Software Engineer

December 2011 - June 2012

- Built a Ruby on Rails application with a team of 5 engineers to streamline project management for film crews.
- Conducted user interviews and performed user research to determine product direction.

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EDUCATION

Northwestern University

2010 - 2014

B.S. in Computer Science

Cofounder/President of HackNorthwestern, TA for web entrepreneurship class

SKILLS

Languages

Ruby, Go, JavaScript, C++, C#, CSS, HTML, Scheme

Technologies

Ruby on Rails, Sidekiq, React, Redux, Node, Redis, MongoDB, PostgreSQL