

# Kevin McCall

## Software Engineer

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## Skills

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### Libraries / Frameworks

- Node.js
- React.js
- Serverless
- Ruby on Rails
- Redux
- Express
- Styled Components
- Storybook
- Passport.js
- NPM

### Cloud Services

- AWS ECS
- AWS Lambda
- AWS SNS (Pub/Sub)
- AWS SQS
- AWS Amplify + AppSync
- AWS API Gateway
- AWS S3
- AWS Fargate
- Google CloudFunctions
- Google Firebase
- Heroku

### Tools

- Docker
- Terraform
- CircleCI
- GitHub
- Segment.io

### Databases

- MongoDB
- PostgreSQL
- MySQL
- SQLite

### Languages

- JavaScript / TypeScript
- Ruby
- Golang
- SQL
- GraphQL

## Experience

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### App Academy / Software Engineer

Nov 2016 - Feb 2020, San Francisco, CA

Engineered and contributed to all software supporting the school primarily in the AWS/Node.js/React tech stack with production testing and deployment pipelines.

#### Learning Management Platform

*Node.js | Serverless | AWS Lambda | React | Redux | MongoDB | AWS ECS | S3 | RedShift*

Architected and led development for the interactive learning application used by over 100,000 students to complete curriculum in every product offered by the company.

Developed a curriculum deployment process for content creators to design interactive quizzes, publish professional videos and create sandboxed coding problems.

#### AutoGrader

*Node.js | Terraform | S3 | ECS | Docker | AWS Fargate | SNS + SQS | Websockets | CloudWatch*

Designed and implemented a system to automatically grade, save and publish test results for large scale coding projects uploaded in multiple languages (Node, Ruby, HTML/CSS, Git).

#### AAKit

*NPM | React | Redux | Styled Components | Lerna | Storybook | CloudFront*

Published a component library to unify UI/UX across all company applications and hundreds of marketing landing pages. Dramatically reduced front-end engineering costs.

#### Application Tracking System

*Ruby on Rails | Redis | PostgreSQL | Heroku | CircleCI | RSpec | DocuSign | Salesforce*

Debugged and contributed to legacy Rails monolith tracking over 500,000 student applications since the founding of the company. Maintained SaaS integrations including Salesforce, DocuSign, Bill.com, YCBM, HackerRank and Segment Analytics.

### App Academy / Instructor

Mar 2016 - Nov 2016, San Francisco, CA

Developed curriculum content, gave live demos/lectures and answered thousands of questions to guide students through the nation's most difficult coding bootcamp.

#### Full Stack Software Engineer Curriculum

*Javascript | Node.js | React | Redux | MongoDB | Express | Ruby | HTML/CSS | Rails | Algorithms & Data Structures | Docker | GraphQL | Full Stack Project Development*

### Taylor & Pond / Project Manager

Aug 2014 - Aug 2015, San Diego, CA

Managed multi-team web development projects including phases for analytics research, site-map architecture, template design and customer support.

## Education

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### App Academy

Jan 2016 - Mar 2016, San Francisco, CA

Completed the nation's most competitive and highly ranked coding school. I was the only student in my cohort of over 60 graduates to immediately be hired as an instructor.

### San Diego State University and Universidad Del Valparaíso

Aug 2009 - Aug 2013, San Diego, CA and Valparaíso, Chile

Completed multiple degree programs to receive B.A. in International Business from both universities with a specialization in marketing.