

Technical Skills:

Languages and Frameworks: Javascript, CSS, HTML, Node, React, Jest, Enzyme, Mocha, Chai, Bootstrap, Next, Gatsby

Databases: MySQL, NoSQL, MongoDB, Mongoose, MongoDB Compass, MongoDB Atlas, PostgreSQL, Fauna, Redis

Tools: AWS, S3, EC2, Docker, Postman, Slack, Trello, Agile, G-Suite, Chrome Developer Tools, Git, NPM, Express

Certifications: AWS Cloud Practitioner

Software Engineering Applications:

[Breath of Fresh AirBNB](#) | *Docker* | *EC2.micro* | *S3* | *Bootstrap* | *Express* | *React-Router*

Emulation of the AirBNB listing details UX built from scratch.

- Assembled 100 artifacts of realistic mock data to seed a **Mongo** database
- Collaborated with the team using **Agile** and **Trello** to manage session based redirection using **React Router** client-side to sync with dependent services' server-side **Express** routes
- Deployed two dockerized **EC2 micro** instances to integrate services in a **reverse proxy server**

[AWSMR-HR](#) | *K6* | *Loader.io* | *New Relic* | *Nginx* | *Postgres* | *Agile* | *Slack*

Optimization of legacy code to expand database and handle large spike in users.

- Expanded database primary records from 100 to 10,000,000 and moved to a new relational **PostgreSQL** database using a **CSV** seed file
- Examined baseline testing using **K6**, **Loader.io**, **New Relic** to identify bottlenecks and improve performance in anticipation for a large spike in users
- Implemented a **horizontally scaled** architecture of 7 **EC2 micro** instances using a **Nginx** load balancer and **reverse proxy server** to integrate teams respective services
- Optimizations allowed for an **87% reduction** in average response time with more than double the pool of users

[Coffee Roulette](#) | *React* | *Postgres* | *Heroku* | *S3* | *Bootstrap*

Promotional fullstack app which randomizes a user's coffee order with a chance to win a free cup.

- Created a mobile friendly user interface using **Bootstrap** and **CSS** while keeping within a minimal design plan
 - Deployed to **Heroku** with **PostgreSQL** and **S3** to host images and reduce database size
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Professional Experience:

Vail Resorts | Ski Instructor, Trainer, Front Desk Agent | 2010 - present

- Customized private lessons for families around the world, Trained incoming new-hire instructors
- Ranked #1 in instructor priority list for Keystone Resort, drove company value for product offered

Eagle County Schools | 5th Grade Teacher | 2017 - 2019

- Awarded Connect 2 Learn grant to purchase a set of chromebooks and integrate tech into the classroom
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Education:

Hack Reactor | *Advanced Software Engineering Immersive Program*

Feb 26, 2021

University of Northern Colorado | *Masters in Teaching*

June 2018

University of Colorado at Boulder | *BA in History* | *Minor in Japanese*

May 2010