

JOAN RASMUSSEN

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SUMMARY

Software engineer with nine years of problem solving experience in collaborative spaces. Strong cultural competency and emotional intelligence alongside attention to detail, creativity, and exercising flexibility to meet team goals.

SKILLS

JavaScript HTML CSS | Sass React.js React Router GSM | Redux Node.js | Express.js OOP | TDD
Unit Testing: Mocha | Chai System Testing: Cypress RESTful APIs Git | GitHub Atom | VS Code npm

PROJECTS

The Flour Studio, ([GitHub Repo](#), [Deployed App](#)), Solo Project

- The goal of this project was to build a multi page React app to solve a unique problem for a niche audience. This app allows a boutique flour mill to help its users learn about specialty grains and to post reviews for others to see.
- Technologies: React, Router, JavaScript, JSX, Sass, fetchAPI, Cypress, Node.js, Express.js, babel, nanoid.js, CORS, Wave, Lighthouse, Heroku, Excalidraw, Figma, GH Project Boards
- Achievements: Learned Express.js and hand-rolled the backend API. Robust planning & tracking. Cypress testing.

Board Game Bartender, ([GitHub Repo](#), [Deployed App](#)), Group Project of 3

- The goal of this project was to learn a new technology and implement it in a multi page React app. This app allows a user to plan a game night by pairing a board game with a cocktail and to add/remove cocktails from favorites.
- Technologies: React, Router, Redux, JavaScript, JSX, CSS, fetchAPI, Cypress, GH pages, Figma, GH Project Boards
- Achievements: Taught ourselves GSM and Redux. Successful team collaboration. Asynchronous functionality. Working with unbeautiful data. Data persists using local storage.

Travel Tracker, ([GitHub Repo](#)), Solo Project

- The goal was to design and build a travel app with login that sends, receives, manipulates, and displays data to a dashboard for a specific user. A user can request a new trip and then see it as 'pending' in their trips' view.
- Technologies: JavaScript, HTML, Sass, Mocha, Chai, fetchAPI, Lighthouse, Day.js, Glide.js, Excalidraw
- Achievements: Implemented two extra 3rd party libraries. Clean, modular code base. Error handling. Accessibility. Unit testing. Responsive design.

EXPERIENCE

Moxie Bread Co, Boulder, CO

Flour Mill Manager | May 2020 - July 2021

Bread Baker | August 2017 - May 2020

- Co-founded a non-profit flour mill for the bakery. Trained and supervised 3 assistants.
- Designed over 40 branding elements and learning resources. Researched and wrote operations and safety manuals.
- Built 35 new customer accounts. Fostere strong farmer relationships and purchased 100,000 lbs of local grain.
- Developed 4 recipes that became menu items. Mixed, shaped, and baked over 75,000 loaves of sourdough bread.
- Researched, designed, and taught an all-day (8hr) sourdough bread class 5 times in the year before the pandemic.

Denver Academy, CO | Phillips Academy, MA | Louisiana Tech University, LA

Math Teacher | 2015 - 2016 | 2012 - 2013 | 2011 - 2012

- Taught classes, sized 15 to 45 students, in algebra, geometry, precalculus (including trigonometry), and calculus.
- Nominated for and Awarded the Oliva Teaching Fellowship while teaching at Phillips Academy in Andover, MA.

EDUCATION

Turing School of Software and Design, Certificate in Front-End Engineering, Denver, CO	Mar 2022
Louisiana Tech University, MS in Mathematics and Statistics, Ruston, LA	May 2012
Louisiana Tech University, BA in French, Minors in English & Math, Ruston, LA	Nov 2010