

Shay Wacker

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Full Stack Engineer with a background in Education. As a math and science teacher I worked with incorporating and implementing new technologies into classrooms, which led me to my true passion of computer science and software development. My experience in team development helps me thrive in collaborative environments and has made me a strong communicator. I love to take on leadership roles, and excel in solving problems. My experience includes conflict resolution, data analysis, curriculum development, time management, and staff training.

TECHNICAL SKILLS

Javascript, React.js, Ruby, Rails, SQL, Postgres, Git, HTML, CSS

TECHNICAL PROJECTS

Buy The Room - [Website](#) | [Github](#) | [Demo](#)

- Allows users to buy or sell an entire room instead of having to list several individual items on a marketplace
- Developed frontend with React.js along with custom CSS
- Integrated RESTful Rails api on the backend to create a new room
- Modeled Custom Database with Rails, Active record and PostgreSQL

My Favorite Places App- [Github](#) | [Demo](#)

- Created a single page web app to allow users to store and keep track of their favorite places
- React frontend and Ruby on Rails backend

PROFESSIONAL EXPERIENCE

Software Developer, Freelance

July 2022 – Present

- Responsible for collecting the requirements to design, build and deploy web applications
- Participate in software design meetings and reviews
- Implement best practices to drive results
- Healthcare Client
 - Create and build out the online portal, scheduling and billing applications in React.js
- Construction Client
 - Developing a website to drive business using Next.js

Math / Science Teacher, 4th Grade, Pillow Elementary

August 2012 – May 2017

- Taught ~50 students math and science per day and maintained and documented records
- Contributed to the increase of the math STAAR results from 50% to a 66% passing rate
- Collaborated and worked effectively with ~10 team members to plan engaging lessons
- Researched and implemented latest curriculum technology and tools

EDUCATION AND CERTIFICATIONS

Flatiron School, NY

July 2021 - July 2022

Full Stack Engineer, Ruby on Rails and JavaScript program and React.js

University of Northern Colorado, Greeley, Colorado

May 2021

Bachelor of English and Minor in Secondary Education

