

# Nick Warren

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## SOFTWARE ENGINEER

Experienced in Ruby on Rails and JavaScript based programming and a background in React, Sinatra, Semantic UI, Tailwind CSS frameworks. Possess strong skills in team-building, process review, critical problem solving, and communication that help web design and software development companies in designing state of the art products. Passionate about learning new things and staying current with newly developed technology.

## TECHNICAL SKILLS

*Ruby, Rails, React, JavaScript, Sinatra, JSON, Postgresql, Semantic UI, Tailwind CSS, SQLite3, Active Record, Spotfire*

## TECHNICAL PROJECTS

### Scuba Pocket Guide - [Github](#) | [Demo](#) | [Deployed Website](#)

*React, Ruby on Rails, Tailwind CSS, Postgresql, JSON, HTML*

This app gives scuba divers the ability to see various dive sites, animals at dive sites, weather, and dive logs

- Researched and instituted user agreement modal for both frontend and backend use
- Created internal API and connected to frontend using JSON fetching
- Enhanced user validations on Ruby to prevent malicious data from being uploaded on app

### Wanderlust - [Github](#) | [Demo](#) | [Deployed Website](#)

*React, Ruby on Rails, Tailwind CSS, Postgresql, JSON, HTML*

This app allows users to see various travel sites and to leave reviews for fellow travelers

- Tested routing capabilities of both frontend and backend to ensure transition between app pages
- Created user signup form using Tailwind CSS and Ruby models."
- Researched and tested using Tailwind CSS on private project before implementing on this app

### Beer Recipe App - [Github](#) | [Demo](#)

*Vanilla JavaScript, HTML, CSS*

This app provides home beer brewers access to over 100+ recipes and allows them to search and save recipes

- Utilized CRUD methodology and RESTful APIs to build a beer brewing recipe web application
- Developed beer search capability by using form filters and event listeners to allow user to search beers
- Incorporated CSS techniques to design appealing homepage for users and improve functionality

### Coder's Keys - [Github](#) | [Demo](#)

*React, Active Record, Semantic UI, HTML*

This app gives coders the ability to find various shortcut keys for Mac OS, Windows, and Linux.

- Implemented and researched the Semantic UI framework to add more variety to the user interface
- Enhanced CRUD usability by developing forms where a user can add, delete, modify, and look up a key
- Gained a firmer understanding of client-server communication and associated errors

## WORK EXPERIENCE

### Surtek Inc.

Laboratory Assistant

Golden, CO

03/2020 - 06/2022

- Designed several apparatuses to aid lab personnel in experiments and safety
- Implemented laboratory inventory procedure using Excel that **decreased spending** by 22%
- Coordinated with architect to design new laboratory spaces for company

### Fracture ID Inc.

Geological Technician

Denver, CO

08/2017 - 11/2019

- Developed Spotfire financial forecasting model that resulted in a 80% accuracy
- Trained 8 new employees in company's internal **NoSQL database and IT infrastructure**
- Utilized Python code commands to initially analyze geophysical data

## EDUCATION

### Flatiron School

Full Stack Web Development, Ruby on Rails and JavaScript program

Denver, CO

10/2022

### University of Colorado

Bachelor of Arts in Geology, Minor in Business Administration

Graduation Honor: Cum Laude

Boulder, CO

12/2016