

# Isaac Chavez

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## Full-stack Software Engineer

Full-stack software engineer with experience in Ruby on Rails, JavaScript based programming and the implementation of Object-oriented programming. Self-motivated and possession of strong skills in critical thinking/problem solving, with an interest in how things work in unison, that helps when working with server side languages, allowing myself to gain a better understanding and to experiment with different methods/solutions to solve complex problems. Skills to see the big picture in terms of people, places, and needs, without compromising small details when working in a fast-paced environment, as well as collaborate/communicate well with others as a team to meet deadlines.

## TECHNICAL SKILLS

**Languages:** Ruby, JavaScript, HTML, CSS

**Frameworks/Database:** Rails, React, Redux, Sinatra, ActiveRecord, Styling-Frameworks, JSON, SQL, Git

**Methodologies:** Object-oriented programming(OOP), Test-Driven Development, REST Apis, MVC, DRY, Scrum/Agile, Testing/Debugging, NPM, Browser developer tools, Structure, Exterior design, Autocomplete, Scripting language

## TECHNICAL PROJECTS

**Take A Trip** - [Github](#) | [Demo](#) *Ruby, Rails, ReactJs, Redux, TripadviserApi, WeatherApi, Ant and Material UI*

**Users are able to plan trips out by searching for various things to do around their location, and may also add other users to join in on the trip to plan out more ideas**

- Used Redux as a way to save state and to be accessible across different pages of the app allowing less conflict and creating a single source of truth
- Used different APIs to be able to gather data from various locations to make a more dynamic website, as well as an API to gather data on the weather for the user's location
- Able to utilize frameworks to style/design the frontend and give more functionality towards the website
- Used only functional components to be able to better understand hooks and being able to implement them

**Shoptastic** - [Github](#) | [Demo](#) *Ruby, Rails, ReactJs, TargetApi, GoogleApi, React Bootstrap, Semantic UI*

**E-commerce website where users can search for various items and be able to purchase them**

- Used an API to gather different sets of products based on a users choice making it more dynamic
- Able to use Google Maps API to lookup store locations as well as a users input for locations in their area
- Used a React Bootstrap and Semantic Ui frameworks to design website
- Create different route pages for a more dynamic website

**Chrello**- [Github](#) | [Demo](#) *Ruby, Rails, Javascript, Html, CSS*

**A To-Do app where users can make an agenda & be able to plan out their days by creating and/or finishing tasks**

- Used vanilla JavaScript to execute most of the functionality
- Primarily used pure CSS for designing websites frontend
- Using functional components to be able to pass props so that they be used in other areas of the app

## EXPERIENCE

### Watson Grinding & Manufacturing

Abrasive Blaster/HVOF Operator

Houston, Texas

03/2017 - 02/2020

- Maximizing workflow and production by preparing parts by masking and blasting so that it may be ready to be applied with a coating
- Set up parts and write programs for which the robot may complete by recording sizes and dimensions, apply carbide coating, make sure gun is running smoothly by adjusting gas levels and repairing gun parts for better performance, prolonging the life of hardware therefore saving and reducing company cost
- Good troubleshooting skills, ability to multitask, and good time management, consequently improving manufacturing

### Landscaping | Polo

Horticulturalist

Houston, Texas

06/2016 - 03/2017

- Operated all power equipment such as mowers, weed eaters, etc. to optimize time and increase efficiency
- Laying down mulch, build and stain fences to accommodate client needs
- Satisfy client preferences by preserving a comprehensive outlook while being able to pay attention to details
- Great teamwork skills to accomplish tasks on time, therefore increasing productivity and minimize time/money

## EDUCATION

### Flatiron School

Full Stack Software Development, Ruby on Rails and JavaScript program

Houston, Texas

03/ 2020 - 06/2020

### Maybe Creek HighSchool

High School Diploma

Houston, Texas

06/ 2016