

SKILLS: JavaScript, React, Redux, HTML5, CSS, SCSS, Ruby on Rails, AWS S3, Node.js, Mongoose, MongoDB, Express.js, SQL, SQLite3, PostgreSQL, Webpack, jQuery, Git, Heroku

PROJECTS:

PinInit (React Redux, SCSS, Ruby on Rails, PostgreSQL db, HTML5, Heroku)

[live](#) | [github](#)

PinInit is a clone of the common social media platform Pinterest, where users create and share ideas organized in boards

- Connected a React/Redux frontend with a Ruby on Rails backend via dynamic AJAX calls, efficiently serving JSON data to be rendered with light-weight components
- Leveraged the power of ActiveRecord associations to connect Rails models, simplifying Postgres database queries
- Utilized Amazon Web Services S3 (AWS) to store photos in the cloud uploaded by users resulting in a highly-scalable application

GrillLit (Node.js, Express.js, Heroku, MongoDB, React)

[github](#)

GrillLit is a full-stack MERN web application that allows users to create events and invite other users

- Partnered with a team of 4 other engineers as the backend lead, utilizing an efficient git workflow to successfully deploy the app within a strict two-week deadline
- Configured MongoDB in order to efficiently pass data to front end by leveraging the document-based nature of a non-relational database
- Setup backend RESTful routes using Express for user authentication as well as “event” and “like” functionality, including models and validations

Orbit (Javascript, Vanilla JS, CSS, Github Pages, THREE.js)

[live](#) | [github](#)

Orbit is a 3D interactive visual graphic application that can be used to create simple shapes

- Utilized THREE.js to create a 3D cube made up of smaller individual cubes allowing users to intuitively interact with the model
- Optimized render quality during user interaction with specific cubes by utilizing InstancedMesh resulting in smooth user experience
- Implemented keyboard controls via JS event listeners allowing users to interact with cubes more efficiently

WORK EXPERIENCE:

CarWisely LLC

May 2022 – Present

Partner/Founder – Technical Lead/Full-stack Developer

- Collaborate with partners to design and develop all technical aspects of CarWisely software products, from concept to implementation
- Coordinate 3rd party API and SDK implementation/merger for secure end-user document transfer
- Develop Ruby on Rails API backend with PostgreSQL database for CarWisely frontend React App
- Create and connect React/Redux (Typescript) frontend with Rails API backend for CarWisely platform

Abacus Services Corporation

Microbiologist 1

January 2020 – July 2020

- Regularly monitored the microbial activity across 50+ drug grade sterile machine rooms
- Performed readings on component samples, identified and documented any contaminants and initiated corrective measures when necessary
- Maintained a database of contaminant levels, in addition to corrective measures taken in all 50+ sterile rooms

Judson University

August 2016 – May 2019

Chemistry Tutor

- Provided one-on-one help to students concerning any topic within the scope of chemistry I and II, by gauging the understanding of individual students and providing appropriate and relevant support
- Responsible for organizing and leading study groups anywhere from 2 to 10 students at a time

EDUCATION:

AppAcademy – 1000-hour immersive full-stack web development bootcamp with <3% acceptance rate

2021

Judson University – BA Chemistry

2015 – 2019