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SKILLS

JavaScript, Python, React, Redux, SQL, PostgreSQL, Sequelize, SQLAlchemy, ExpressJS, Flask, NodeJS, PugJS, Docker, HTML5, CSS, Git

PROJECTS

Remember the CRUD | (*JavaScript, Express, PugJS, Sequelize, CSS*)

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

Remember the CRUD is a task management app, designed to allow amateur and professional programmers to better organize their programming projects.

- Collaborated with three other engineers using a Kanban board to divide features and goals for efficient project completion. I was the scrum master for this project.
- Formulated a system for the creation of tasks and retention of new tasks. This was achieved through devising a system for the simplified manipulation of the HTML DOM.

Speakeasy | (*React / Redux, Python, Flask, PostgreSQL, SQLAlchemy, Alembic, Docker*)

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

This Application is a service which allows users to check in at a distillery and share what they are drinking and how they rate it.

- Utilized WTForms as form validation before adding the provided information to the database.
- Implemented a sitewide modal component using state to provide an easy way to display a component as a modal.
- Setup a multi-layered modal with persistent values to provide a clean user experience when selecting a distillery and a drink to leave a review for.

Countable | (*React / Redux, JavaScript, Express, PostgreSQL, Sequelize, Node.js HTML5, CSS, AWS*)

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

Countable is a fullstack app for users to voice concerns about issues in their neighborhood and to hold politicians accountable in an attempt to make real change.

- Formik forms with yup validations are an example of an open source library I included in this project
- In this project expensive backend queries were made. As the current database is not extensive it works for this project but sequelize pagination is something that would be considered for larger scale projects down the line.

EXPERIENCE

Lead Preschool Teacher

Brooklyn Preschool of Science

Sept 2019 - Aug 2021

- Scaffolded education for children through a play and a science-based curriculum by tapping into the child's need to understand how things work, while providing a foundation for meaningful math, language, and literacy development
- Lead teacher in a classroom of 17 children with an assistant and co-teacher
- Assisted parents with any needs they had relating to their children
- Provided and prepared weekly curriculum planning and weekly newsletters

Preschool Teacher

Little Learners Preschool and After School

Nov 2018 - Jun 2019

- Laid a foundation of teaching children within an age range of 2 years and 8 months to 5 years
- Supported and promoted a child-led curriculum by encouraging experimentation and providing multi-sensory experiences.
- Independently managed and promoted offshoot "Breakfast Club" and "Play Club" before and after school hours

EDUCATION

AppAcademy - Currently enrolled in the 24 week immersive Software Engineering Bootcamp with 3 % acceptance rate.

Trinity College Dublin, Marino Institute of Education - *Masters in Education Studies (Early Childhood Education)*, 2017-2019

Dublin City University - *BSc. in Children's and General Integrated Nursing*, 2012-2017