

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](#)

A task management app, designed to allow amateur and professional programmers to better organize their programming projects.

- Led team as scrum master and collaborated with three engineers using a Kanban board to divide features and goals for efficient project completion.
- Formulated a system to create and retain new tasks by devising a system for the simplified manipulation of the HTML DOM.

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

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

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

- Executed a Flask backend routing component for database management.
- Utilized WTForms as form validation before adding the provided information to the database.
- Implemented a sitewide modal component using Redux state to provide an easy way to display a component as a modal.
- Set up a multi-layered modal with persistent values to provide a clean user experience when selecting a distillery and a drink to leave a review by using modals in state rather than modals in context.

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

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

A fullstack app for users / citizens to voice concerns about issues in their neighborhood and to hold politicians accountable in order to improve facilities and make real change.

- Developed features including full CRUD on Posts and Comments, Likes and the ability to follow another user as well as collaborating with peers on developing an active search capability.
- Created AWS S3 Bucket for optimized storage and consulted relevant implementation documentation as required.
- Implemented error validation with Formik forms and Yup validations which provides a more intuitive user experience and once implemented was very easily utilized throughout the rest of the app.

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 seventeen 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 for 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

App Academy - Graduated from 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