

# Karen Astell

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## SUMMARY

Full Stack Web Developer with a background in education. Recognized for problem-solving skills, strong work ethic, and an eye for detail. An excellent collaborator who works well on a team or individually. Recognized for flexibility and perspective-taking which contributes well to working in a new environment and team. A quick learner who is ready to take on a role in a fast-paced environment.

## TECHNICAL SKILLS

Node.js, Express, JavaScript, jQuery, React.js, React, GIT, GitHub, MongoDB, MySQL, Mongoose, Handlebars, HTML5, CSS3, Bootstrap, Bulma, APIs, Heroku, Terminal, AJAX, Restful API, ES6, React Hooks, JSON, Sequelize, Progressive Web Apps, AWS, Behavior Driven Development

## RELEVANT EXPERIENCE

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### Learning Link | Full Stack Application

**Deployed Link:** <https://ancient-brushlands-96177.herokuapp.com/>

**GitHub Repository:** <https://github.com/karenastell/learning-link>

Learning Link is meant to make it easy for students and their parents to find a tutor to help support their learning. There are two user roles, student and tutor. Students can search for tutors that meet their needs, add them to their dashboard, send messages through the app and, and schedule tutoring sessions through the calendar.

- **Role:** Front End Development using React.js and Axios to make requests to a MySQL database. Styled pages using the Bulma CSS Framework. Back End Development using Node.js, Express, Sequelize, to query the MySQL database.
- **Utilized:** React, Socket.io, FullCalendar.io, Passport, Axios, Sequelize, NodeJS, MySQL, and Bulma.

### Recipe Box | Full Stack Application

**Deployed Link:** <https://fast-mountain-43531.herokuapp.com/index.html>

**GitHub Repository:** <https://github.com/Kaleighspurio/Project2-Recipe-Box>

The Recipe Box app allows a user to search recipes that have been inputted into the application, create their own recipes to share, view favorite recipes, and share recipes by email or social media in a blog.

- **Role:** Front End Development using jQuery AJAX method to make requests to a MySQL database. Dynamically create HTML page elements. Styled pages using the Bulma CSS Framework.
- **Utilized:** HTML5, CSS, JSON, Bulma, AJAX, Sequelize, NodeJS, and MySQL

### Booze and Brews | Front End Application

**Deployed Link:** <https://lynnboudreau.github.io/ProjectOne/>

**GitHub Repository:** <https://github.com/LynnBoudreau/ProjectOne>

The Booze and Brews application allows a user to search for breweries by city/state and search for cocktail recipes by ingredient. Third-party APIs were used for the cocktail and brewery information.

- **Role:** Created HTML modal styled with CSS. This modal allows a user to enter the home page if they are of drinking age. Collaborated in the development of the Cocktail page and styling of the entire application.
- **Utilized:** HTML5, CSS, Bulma, jQuery, JavaScript, Third-Part APIs (GoogleMapsAPI, OpenBreweryDB, and CocktailDB)

## PROFESSIONAL EXPERIENCE

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### **Intern, Known Point Technologies**

08/2020 - Present

- Modified a React component making it reusable throughout the application and added new functionality.
- Collaborated with a start-up team to get the application into production on a timeline.
- Participated in 'Bug Bashes' for testing and fixing purposes.

### **Behavior Specialist, Reeds Ferry School – Merrimack, NH**

07/2009 - 06/2020

- Partnered with administrative leadership to improve discipline practices based on data findings.
- Cultivated connections and strong student rapport to foster classroom engagement, in addition to recording student progress to inform parents and school administration.
- Created a Social Emotional Learning Curriculum that developed students' physical, emotional, and social growth resulting in fewer behavior referrals throughout the school.
- Resolved conflicts and negotiated mutually beneficial agreements between parties.

### **Residential Counselor, Nashua Children's Home – Nashua, NH**

06/2007 - 08/2018

- Utilized CPI-NCI intervention techniques to de-escalate aggressive and hostile behavior of residents.
- Resolved conflicts by performing in-time crisis intervention and enforcing discipline and behavior expectations.
- Addressed behavioral and emotional needs of residents through activities and interventions, increasing resident socialization, interpersonal and social skills.

## EDUCATION

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### **Full Stack Web Development Certificate - University of New Hampshire, Durham, NH | 2020**

*A 24-week intensive boot camp program focused on gaining technical programming and market-driven skills*

### **Master of Education: Elementary Education - University of New Hampshire, Durham, NH**

### **Bachelor of Science: Math Education - University of New Hampshire, Durham, NH**