# KAREN ROH

Phone: (404) 247-9194 | Email: karenroh@hotmail.com | Suwanee, GA, 30024

LinkedIn: /KarenRoh | Portfolio: kroh1031.github.io | GitHub: /KarenRoh

Passionate and zealous Full Stack Web Developer condensing large data into simpler components to get the job done. An attentive and quick learner that is always receptive to training in order to become the perfect match for the constantly growing IT industry. Able to adept at working independently as well as collaborating with a team. Prepared to excel in solving complex problems. Honed skills in Mongo, React, Node.js, Express, Handlebars, MySQL, JavaScript, CSS, and HTML to develop meaningful full-stack applications. Fluent in English and Korean. Looking forward to leveraging the skills that are asked of to become a valuable asset to the company.

## TECHNICAL SKILLS

**Languages:** JavaScript ES6+, CSS3, HTML5, SQL, NoSQL
**Applications:** GitHub, MongoDB, MySQL
**Tools:** Express, React, Node, Handlebars, Query, Bootstrap

## PROJECTS

**Kindred, Spark an Interest! | github.com/kroh1031/Kindred | kindred-app.herokuapp.com/**

❖ Summary: A full-stack application that allows users to save interests in books, movies, games, podcasts, etc to their profiles and discover matches to connect with people of similar interests.

❖ Role: Contributed in developing both front-end and back-end.
➢ Front-end:
■ Created variables that execute each mutation and query set up in typeDefs.
■ Used React-Bootstrap for form validation on signup and login pages.
■ Utilized apollo client to make requests to GraphQL API so mutations and queries become executable.
➢ Back-end:
■ Set up models, typeDefs, and resolvers in order to save all user information accurately and securely to the database.
■ Implemented JWT to create a user identification token, send payload to request, verify token, and get user data out of it.
■ Ensured users are only able to gain access to certain functionalities when authenticated using the GraphQL playground.

❖ Tools: Mongo, Express, Mongoose, React, Node, GraphQL, JWT, Apollo Server, Apollo Client, TasteDive API, Postman

- ❖ Lessons learned:
  - ➢ The best practice is to always call a third-party API from the back-end and never from the front-end (React) for security reasons.
  - ➢ It is most effective to have either just the server-side or just the client-side completed first before starting on the other to prevent any potential issues when connecting the two.
  - ➢ One React component should always have only one functionality to it in order to make the application easier to maintain.

**Tech Blog** | [github.com/kroh1031/week-14-tech-blog](github.com/kroh1031/week-14-tech-blog) | [tech-blog-app14.herokuapp.com/](tech-blog-app14.herokuapp.com/)

- ❖ Summary: A CMS-style blog site where developers can publish their blog posts and comment on other developers' posts as well.
- ❖ Role: Sole author
  - ➢ Wrote all the handlebars templates, expressions, and JavaScript logic using REST API for every CRUD operation.
- ❖ Tools: Handlebars.js, Node, JavaScript, Sequelize, Express, Bootstrap
- ❖ Lessons learned:
  - ➢ Using raw MySQL is permissible, but it is best to use an ORM (like Sequelize) to avoid bloated lines of code with plain SQL queries.
  - ➢ Handlebars keeps HTML pages simple and clean because they're separated from the logic-based JavaScript files.
  - ➢ It is unfavorable to use handlebars because it's very slow with updates of the DOM as it constantly refreshes the page to make a new request for a static HTML page.

**Design Collaboration Tool** | [github.com/kroh1031/CoHoots](github.com/kroh1031/CoHoots) | [cohoots.herokuapp.com/](cohoots.herokuapp.com/)

- ❖ Summary: Collaboration website for custom designs.
- ❖ Role: Contributed in developing both the front end and back end.
  - ➢ Front-end:
    - ■ Layout and design of homepage and dashboard.
    - ■ Signup and login form validation.
  - ➢ Back-end:
    - ■ Set up models and their associations using Sequelize.
    - ■ Used express router for API routes to get and manipulate data from database.
- ❖ Tools: HTML, CSS, JavaScript, Node, jQuery, Bootstrap, Sequelize, Multer, Handlebars, Postman, Express
- ❖ Lessons learned:
  - ➢ When collaborating as a team, communication is vital in order to maximize time efficiency and productivity.
  - ➢ Do not bypass syntax, logic, or runtime errors of any sort.
  - ➢ Write comments throughout code to have a clear understanding of what needs to be done, how it can be implemented, and a detailed explanation of its functionality.

# EXPERIENCE

**Sushi Mito**                                                      **2020-2020**
**Hostess**                                                        **Atlanta, GA**
Welcomed and seated customers in an authentic traditional Japanese restaurant.
Key Accomplishments:
- ➢ Attached exceptional importance to cash-handling and store safety.
- ➢ Always maintained an exceptionally clean and organized workspace.
- ➢ Showed great personal interest to customers.

**GOM BBQ**                                                        **2019-2019**
**Server**                                                        **Atlanta, GA**
Served customers in a fast-paced, high-energy Korean BBQ place.

Key Accomplishments:
- ➢ Ensured great customer service experience by serving food and drink with much care and etiquette.
- ➢ Coordinated well with cooks and servers to make certain food and drink were delivered to accurate tables in a timely manner.
- ➢ Demonstrated strong problem-solving skills, particularly with guest complaints.

# EDUCATION

**James Madison High School**                                     **Atlanta, GA**
- ➢ GPA: 4.0
- ➢ Notable achievements:
  - ○ Member of the International Honor Society - Delta Epsilon Tau
  - ○ HOPE eligible

**Certificate, Full Stack Web Development** – Georgia Institute of Technology          **Atlanta, GA**