

# EMMAY ALAM

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## SKILLS

React, Redux, Ruby, Ruby on Rails, Javascript, jQuery, HTML5, CSS3, SCSS, SQL, SQLite3, PostgreSQL, MongoDB, Mongoose, Express.js, Node.js, Git, RSpec, Webpack, Heroku

## PROJECTS

**Koko** (MongoDB, Mongoose, Express.js, React, Redux, Node.js, HTML5, & CSS3)

[Live](#) | [Github](#)

A full stack single-page web application encouraging habit building through journals, goals, and mood tracking.

- Designed and implemented database schema using Mongoose as backend lead to ensure fully functional API
- Built friendship feature using backend PATCH requests and frontend Redux allowing users to befriend site mascot
- Leveraged Redux global state with selectors to create components such as a history page and modular widgets.
- Coordinated and led team meetings to discuss and finalize overall site theme and widget layout

**Datcord** (PostgreSQL, Ruby on Rails, React, Redux, ActionCable/WebSockets, HTML5, & CSS3)

[Live](#) | [Github](#)

A full stack single-page Discord clone where users can participate in real-time chat with other users.

- Incorporated Rails ActionCable and Redis to implement live chat for server channels and individual users
- Utilized AJAX requests to make API calls over HTTP protocols to pass data to the frontend Redux store
- Leveraged polymorphic associations for user memberships and messages resulting in more DRY code

**SAV** (JavaScript, HTML5, & CSS3)

[Live](#) | [Github](#)

An interactive visualizer made with Vanilla JS to help users better understand sorting algorithms.

- Customized popular sorting algorithm functions to be able to render them on-screen for users to see visually
- Integrated color-coded sorting/swapping CSS animations to clarify how selected algorithms work in practice
- Utilized asynchronous functions to set delay times between each animation allowing for more fluid UX/UI

## EXPERIENCE

Hacker In Residence

App Academy

2021 - 2022

- Conducted 10 - 20 weekly technical interviews in JavaScript, Ruby, and Python
- Assessed and evaluated candidates' ability to code, apply logical thinking, and work in a pair setting
- Debugged code deficiencies for candidates and summarized practical solutions towards solving algorithms

Line Cook

INDAY

2018 - 2019

- Designed inventory review sheets which resulted in a 10% drop in weekly food costs
- Communicated with GM to establish specific roles and duties for across staff to streamline daily operations
- Assisted in creating new menu items for seasonal promotions across multiple locations

Shift Captain

Kuro Obi / Ippudo NY

2018

- Managed a team of 4-5 members and led lunch service operations, entailing upto 400 made-to-order entrees
- Oversaw and ensured food preparation met food safety guidelines and satisfactory by company standards

## EDUCATION

App Academy New York, NY

2021

- Immersive full stack web development software engineering course with 1000+ hours of coding