

EMMAY ALAM

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SKILLS

Python, 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