Nazia Islam

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SKILLS: React, Redux, Ruby, Rails, JavaScript, SQL, HTML, CSS, Node, Express, Mongo, D3

EDUCATION:

Farmingdale State College - *BS Science, Technology, and Society 2019, Magna Cum Laude*
App Academy - 2020 - 1000+ hour intensive full-stack web development course with less than 3% acceptance rate

PROJECTS:

Scoop   live | github
Scoop is a single page full-stack messaging application that incorporates Ruby on Rails for the backend and React/ Redux for the frontend.
- Leveraged Object Oriented Programming principles to implement CRUD operations which resulted in DRY, concise code
- Utilized websockets to implement live chat functionality enabling users to communicate in real time
- Implemented a frontend search which uses the $O(1)$ lookup and write time of Objects, which effectively generated a list of channels to be rendered, without having to query the database.

Feuding Friends   live | github
Multiplayer, Family-Feud style gaming app built using MERN stack.
- Collaborated with team and lead engineer using AGILE practices to divide responsibilities and ensure smooth git workflow
- Implemented Node backend to communicate with Mongo database to ensure proper game logic
- Leveraged Fuzzball (Javascript library) to enable fuzzy matching between user input and correct answers.

Flatten
JavaScript, D3.js, HeathData API   live | github
Data visualization of the effects of social distancing
- Implemented D3 JavaScript library to create an animated area chart that shows the effects of social distancing through the date it was implemented and its impact on reducing mortality and the number of active infections.
- Added visualizations so that users can see how daily testing can help to reveal the rate of new infections in New York.
- Implemented an update chart function so users can zoom in on a specific month/week/day to see the impact social distancing had on decreasing mortality.

EXPERIENCE:

Medical Assistant
Li Queens Medical Care PC   Aug 2017 - Nov 2019
- Obtained patient medical history and vital signs including blood pressure, heart rate, body temperature and respiratory rate in order to provide a comprehensive picture for the healthcare provider to diagnose and treat patients.
- Assisted in the creation and implementation of checklists for team use during gastroenterology examinations in order to minimize errors and streamline workflow
- Perform routine laboratory tests.

Chiropractic Assistant
Fabrikant Chiropractic   Oct 2018 - June 2019
- Constructed Standard Operating Procedures for the accurate documentation and efficient processing of Medical billing/coding which reduced overall office overhead and expenses.
- Documented patient visits with an acute attention to detail as well as an emphasis on critical elements so that the primary caregiver is able to quickly and effectively come up with treatment regimens based on patient histories.
- Ensured that chiropractic adjustment procedures were as efficient and routine as possible through continuous improvement sessions with the team so that the Chiropractor could primarily focus on his main objectives.