Sayeef Alam
Software Engineer

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SKILLS

JavaScript, React, Redux, HTML, CSS, Ruby, Ruby on Rails, Mongoose, MongoDB, Node.js, Express.js, SQL, PostgreSQL, SQLite3, Webpack, jQuery, Git, Heroku, Amazon Web Services (AWS), D3, VBA

PROJECTS

InFit | Team Lead | *(React/Redux, Node.js, MongoDB, Express)*   **live** | **github**
Full Stack web application that lets you store, categorize, and share clothes in your wardrobe.
- Directed the look, feel, and functionality of the product as well as planning and delegating daily tasks for our team
- Implemented Drag and Drop functionality within React-Redux to create, edit, and delete "clothes" and "outfits"
- Designed a modal to display a user's owned "clothing items" that can be dragged to an "outfit" to form associations
- Implemented custom search using Redux and filtering items by category and "tag"

KloudClone | *(React/Redux, Rails 5, PostgreSQL, AWS)*   **live** | **github**
Clone of the popular music-sharing website SoundCloud.
- Integrated Redux and React with the HTML5 audio element to create customized media playback for users including a time scrubber, a volume slider, skip/previous song, loop song, and shuffle playlist
- Connected Rails back-end to AWS S3 for audio storage of songs that users can listen to and upload
- Harnessed the unidirectional state management of Redux to simplify React components and directly manage data for form inputs and form submissions
- Created custom back and front-end user authentication by combining Rails, Active Record, and log-in/sign-up React components connected to the Redux store for reference to session cookies

League of Data | *(Javascript, D3, HTML5, CSS3)*   **live** | **github**
Data visualizer for League of Legends pro-players
- Utilized D3 to visualize and organize data for any professional League of Legends player searched by the user
- Used a combination of vanilla Javascript, DOM Manipulation, and HTML/CSS animations to create a visually compelling user experience
- Manipulated data from a CSV file and leveraged different data structures to produce meaningful statistics

EXPERIENCE

Senior Associate
KPMG US   Jun 2018 - Dec 2020
- Led walkthroughs with clients to gain an understanding of their business processes and IT functionality
- Managed and trained 2 new-hire associates and a global offshore team of 5
- Planned and executed IT risk assessments for as many as 10 business process areas at a time
- Performed testing procedures to gain comfort over the IT Risk environment for a large Investment & Consumer Bank (largest engagement worth ~$100M)

Head Teaching Assistant – Information Systems & Database Systems
Robert H. Smith School of Business   Jan 2016 - May 2018
- Managed 5 other Teacher Assistants, including creating schedules, delegating work, and being the source of contact between students, TAs, and the professor
- Held weekly office hours and led weekly lab lectures with 34 students involving relational database modeling and relational database implementation using Microsoft SQL Server

EDUCATION

University of Maryland *- BS Information Systems & Accounting, 3.84 GPA*   2018
AppAcademy - *Highly selective program web development program with a 3% acceptance rate.*   2021