Mahmud Ahmed

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SKILLS **JavaScript (ES6), React, React Native, Redux, Ruby, Rails, SQL, NoSQL, PostgreSQL, MongoDB, Firebase, EXPO, Express, Node.js, D3.js, JQuery, HTML5, CSS3, SCSS, OOP, TDD, Git, AWS, RSpec, Jasmine, Mocha, Google API, Agile Development.**

PROJECTS

Halal Tables | *(React/Redux, Rails 5, PostgreSQL, AWS, Google Maps Api)*   **live** | **github**
An OpenTable inspired single-page web application, core functions designed & built within 10 days.

- Utilized the RESTful APIs to Book tables, leave reviews, and add specific restaurants to a user's favorites list.
- Applied the Google Maps API to sync restaurants stored in the local state with the markers displayed on the map by maintaining references to the all markers present, allowing adding/removing markers from map efficiently.
- Implemented a highly interactive filtering system (price, cuisine, rating, etc.) using front-end state to dynamically refine fetched results, eliminating the need for additional asynchronous calls to the back-end.
- Controlled object-rendering in front-end routes through a change in local state (React.js) and global state (Redux.js).
- Effectively reduced server load and promoted graceful scalability of the application by storing dynamic images in the cloud using AWS S3.

Bully Season | *(Vanilla JavaScript, HTML, CSS)*   **live** | **github**
An interactive, driving game that utilizes pure JavaScript, HTML, CSS.

- Controlled the game state and object-rendering through DOM Manipulation.
- Achieved smooth movement-based animations with the use of asynchronous JavaScript and vector math calculations.
- Developed algorithm for collision detection of user-controlled sprite character with moving platforms, and integrated key-down/key-up event listeners to control players' movement and speed.
- Using CSS media query, constructed a responsive game to display consistently in all screen sizes.

EXPERIENCE

Freelance Developer
Freelancer (Upwork)   July 2020 - Present

- Designing hybrid (IOS & Android) mobile apps & websites for small business owners, with a focus on user experience with React, React Native, Rails, Expo, Firebase, JavaScript & Node.
- Worked with business owners to understand their specific business needs and wants for projects/apps and then implemented it to code.

Web Developer - Content Marketing
Purplefox Animation   March 2018 - Aug 2019

- Designed a mobile-optimized website focused on user experience, conversion, and SEO with Wordpress, HTML, CSS, JS.
- Partnered with brand owners to understand goals, customer insights, and designed marketing plans covering segmentation, channel reach, offers, branding, messaging and end to end execution.
- Tracked key digital marketing metrics with google analytics, google tags manager and Facebook pixel, analyzed campaign performance, and optimized based on insights to increase conversions.
- Published detailed marketing strategies/articles that enabled me to achieve top writer status in marketing for *Mediums Better Marketing Publication.*

Landing Page & SEO Specialist
Oak Tree Institute (Non-Profit Organization)   Jan 2018 - Aug 2019

- Collaborated with team to strategically brand and market content in order to best reach the target audience.
- Leveraged social media to expand reach, enhance marketing ROI and achieve lucrative new profit streams.

Brand Developer / Wearer of Many Hats
Artistrove   Jun 2016 - Feb 2019
Co-Founded eCommerce startup generating $1million+ in revenue in the first 14 months.

- Handled all product listings on multiple multiple platforms, such as Amazon, Shopify, Ebay, Jet, and Walmart
- Managed project budgets, produced and analyzed regular reporting for all sales and digital media results.

EDUCATION

Queens College - 70+ credit towards a BS Computer Science   *2013-2016*
App Academy - 1000+ hour immersive full-stack web development course with <3% acceptance rate   *2019-2020*