

MOHAMMAD H. RIZWAN

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SKILLS: React, Redux, Ruby, Ruby on Rails, JavaScript, SQL, HTML5, CSS3, Git, SCSS, jQuery, Mongoose / MongoDB, Node.js, Axios, Express.js, HTML Canvas, GSAP (GreenSock), Google Maps API, Amazon Web Services S3 (AWS S3), Render, Github, Heroku, Ubuntu, Object-Oriented Programming (OOP), Markdown, Cloudinary API, Tiled, PostgreSQL

PROJECTS:

FaceDiary JavaScript, Ruby on Rails, React.js, Node.js, Redux, AWS S3, HTML, CSS

[live](#) | [github](#)

A full-stack clone of Facebook that uses React-Redux frontend and Ruby on Rails for backend

- Created Backend CRUD actions for Posts and Comments allowing more user-functionality
- Constructed a Friend Model which allowed for bilateral implementation of friends and friend requests
- Implemented Search to continuously filter the search results for a more efficient and User Friendly Experience
- Applied Amazon Web Services (AWS S3) for image storage on the Amazon Cloud for faster and reliable service
- Instrumented React-Redux to keep track of state and cause rerendering as intended allowing for dynamic UI
- Integrated user authentication through BCrypt hashing function and session tokens stored in cookies on the browser to secure passwords and provide users the ability to log in and out

AdventureScape JavaScript, Node.js, Tiled, HTML Canvas, GSAP (GreenSock), SCSS

[live](#) | [github](#)

A Canvas-based game inspired by Pokemon and Runescape, built with HTML Canvas and JavaScript

- Employed OOP, utilizing class inheritance for dynamic game entity implementation
- Utilized Tiled to construct Island Map using different game assets and sprites
- Implemented rectangular-collision detection to limit roaming access for main character
- Applied GSAP with Canvas to allow for smoother transitions between animated scenes
- Executed Debouncing to limit the user from spamming on attacks, leading to superior gameplay

Crawl MongoDB/Mongoose, Express, ReactJS, Redux, Node.js, Google Maps API, Cloudinary Upload API

[live](#) | [github](#)

A MERN stack web app that allows users to signup and create crawls with their favorite venues

- Constructed backend models, routes, and validations with MongoDB as the database and Express.js as the server
- Incorporated Google Maps API to allow users to view venue locations on an interactive map
- Prioritized backend completion in order to augment frontend and styling
- Integrated user authentication through BCrypt hashing function and JSON Web Token (JWT) to secure passwords and provide users the ability to log in and out
- Implemented Vote Model with MongoDB to sort Crawls with the highest Votes, adding to a better user experience
- Utilized Cloudinary Upload API for Image storage and retrieval for Venue and Profile Pictures

EXPERIENCE:

Independent Contractor Uber Technologies, Inc. / Lyft, Inc.

June 2016 - Jan 2021

- Provided excellent customer service and hassle-free rides, which led to a 4.9/5 stars rating
- Applied professional judgment to discern best route for efficiency & local knowledge of areas for highest revenue
- Technical skills lead to being able to handle basic car-maintenance such as flat-tires, oil-changes, etc., which lead to a cut-down in costs
- Utilized GPS software to optimize routes, minimizing delays and ensuring that estimated arrival times were met

Pharmacy Technician CVS Pharmacy, Inc.

Oct 2012 - June 2016

- Utilized critical thinking to resolve insurance issues independently, increasing efficiency of pharmacy workflow
- Maintained composure and effectiveness despite high-pressure and high-speed environment
- Performed 100s of register transactions, including handling of cash, money orders, money grams, and checks, in an efficient manner, which lead to better customer experience and workflow
- Excelled in multiple responsibilities such as frontend register, pharmacy drop-off and production, shipment off-loading, inventory replenishment and maintenance, and phone calls

EDUCATION:

AppAcademy - Full Stack Web Development Bootcamp, 2022

Manhattan College - Major in Chemical Engineering, 2013-2016

Bronx High School of Science, 2008-2012