

# MOHAMMAD H. RIZWAN

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

## PROJECTS:

**FaceDiary** *JavaScript, Ruby on Rails, ReactJS, Node.js, Redux, AWS*

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

A full-stack clone of Facebook

- Utilized React-Redux to construct CRUD for posts and comments depending on user input and local state
- 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 association on the backend for smoother file handling
- Employed React-Redux to keep track of state and cause rerendering as intended for a trouble-free experience

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

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

A Canvas-based game inspired by Pokemon and Runescape

- 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*

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

A website to allow users to add venues to personal crawls with comments and votes; sorted by highest voted

- Constructed backend models, routes, and validations, as well as user profiles, login, signup
- Incorporated Google Maps API to allow users to view venue locations and filter for top venues
- Prioritized backend completion in order to augment frontend support

## EXPERIENCE:

### Independent Contractor

*Uber Technologies, Inc. / Lyft, Inc.*

Jun 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
- Prioritized cost optimization by handling basic car maintenance through dedicated self-learning

### Pharmacy Technician

*CVS Pharmacy, Inc.*

Oct 2012 – Jun 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 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