

Amit Chaudhari

PROJECTS

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CloudChat (Rails, PostgreSQL, React, CSS3, Ruby)

A web-based Internet Relay Chat (IRC) client and bouncer.

- Separate process maintains and holds any number of IRC connections for any number of users.
- Uses Web Sockets to communicate with the client browser to achieve real-time low-latency chat.
- Uses mobile-first design to create a responsive UI that works with both mobile and desktop based browsers.
- Supports any number of simultaneously connected client devices. Keeps all devices in synchronization.

Ruby1459 (Ruby)

An IRC client library written in pure Ruby

- Uses meta-programming to efficiently and cleanly route almost 200 possible events to their handlers.
- Multi-Threaded design allows for any number of connections and channels without having to worry about managing threads or halting other tasks by using blocking calls.
- Event driven library allows developers to tap into almost 200 server events to allow for feature rich applications.

Rubygogo (Rails, PostgreSQL, React, Redux, CSS3)

A full-stack project inspired by the crowdfunding site indiegogo.com.

- Chained multiple filter options into a single SQL query to minimize database load and response time by using case blocks to parse client provided filters and appending to a single ActiveRecord query.
- Implemented site-wide fuzzy search using trigrams. Allows user to more easily find desired campaigns.
- Kept code DRY by using view partials on the backend and methods to generate UI elements on the frontend.

Duck Hunt (JavaScript, CreateJS, Canvas, LeapJS)

Browser based shooting game. Recreating the 1984 Nintendo game Duck Hunt.

- Delivered best experience to the User by using the original game sprites, audio, and game play.
- Utilized the Leap Motion Controller to provide realtime 3D tracking of fingers for use as a virtual "light gun".
- Preloaded all assets to ensure smooth and error-free gameplay.

TrainSet and TapeDeck (Ruby)

Web Framework and ORM inspired by Ruby on Rails and ActiveRecord.

- Designed to be lightweight yet still feature rich.
- Features added include: session, flash, and flash.now cookies, CSRF protection, validation checks, multiple associations, static asset middleware, and custom routes.

SKILLS

Ruby, Rails, JavaScript, HTML, CSS, jQuery, React, Redux, Git, RSpec, SQL, C#

EDUCATION

App Academy

1000+ hour web development course with <3% acceptance rate.

New York, NY

Dec 2016 – Mar 2017

Rutgers Business School

MBA, concentration in Finance

Newark, NJ

Sep 2012 – May 2014

New York University, Stern School of Business

Dual Major - BS in Management and Marketing

New York, NY

Sep 2006 – May 2010

EXPERIENCE

Franchisee

Dunkin' Donuts, Subway

Connecticut

2009 – 2017

- Led store out of compliance into a high performing store with a perfect inspection score through employee training, improved operational procedures, and employee morale building. Increasing sales 17.21% and customer count by 9.6% (compared with market-wide increase of only 4.5% sales and 2.1% customer count).
- Collaborated with Franchises, Landlords, and Municipal Planning Boards to develop newly discovered potential business sites, lead efforts on over 10 high-potential sites through the approval process.
- Managed 12+ different groups for a complicated restaurant renovation project in a train station in New Haven, CT with absolute minimum downtime, only three days.