

Ryan Do

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Full stack web developer with a passion for building useful applications and learning cutting-edge technology. With experience in Ruby on Rails, JavaScript, and React and a background in Statistics, I discovered web development through a recommendation by a close friend to delve into the software world. I bring strong skills in problem-solving and a strong attention to detail that help companies that work with data to avoid costly errors and seek out new alternative ways to ensure less costs and more profit.

TECHNICAL PROJECTS:

RecognizeMe - [Github](#)

An app that takes in any image address from a user and detects the face of the image

- + Clarifai API used to take any image address from user and detect face of image
- + Image submissions per user counted using Postgres and bcrypt for password encryption
- + Included React and tachyons for frontend portion of application
- + Incorporated Node, Express, Knex, and Postgres for backend portion of application

Swole - [Github Demo](#)

Built for workout junkies to create and share custom workouts and exercises

- + Implemented the Rails framework to create a CMS app
- + Called on ActiveRecord to include validations on models to prevent inaccurate or abuse of data
- + Applied omniauth to authenticate users using facebook
- + Utilized the devise gem to authenticate users signing up using email and not facebook

Flickstr - [Github](#) | [Demo](#)

An app that receives input from user and displays photos from flickr based on the input

- + Built with React and Redux for frontend and Rails API connected to Flickr API for backend
- + Included react-router package for easy routing within single page app
- + Reactstrap and react-bootstrap used for styling navbar and photo elements
- + Redux thunk middleware utilized to manage asynchronous AJAX requests

TECHNICAL SKILLS:

Ruby, RoR, Html/Css, Javascript, React, Redux, SQLite/PostgreSQL

EXPERIENCE:

Consulting Actuaries Incorporated, Fairfield, NJ

Retirement Plan Specialist, *February 2016 - August 2018*

- + Assisted clients with designing their retirement plans tailored to specific objectives
- + Generated annual compliance testing reports to keep retirement plans in agreement with federal laws and regulations and provided owners with methods of correction if violations occurred
- + Created excel templates using VBA macros to streamline the process of creating repetitive reports

Educational Services Center, Congers, NY

SAT Math & Reading Teacher, *February 2016 - December 2016*

- + Prepared weekly lesson plans according to the students' interests, strengths, and needs
- + Collaborated with other teachers to develop effective teaching strategies and best test-taking methods for students
- + Managed a classroom of 30 students independently using positive behavior management strategies

EDUCATION:

Flatiron School - 2019 Graduate

- + Full Stack Web Development, Ruby on Rails and JavaScript online program

George Washington University - Washington, DC - 2015

- + Degree: BS in Statistics