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Portfolio

Let's Code (Rails, React, Redux) | Live • GitHub

Social platform utilizing single page application to connect programmers in one city, built with Ruby on Rails and React.js

- o Developed entire website application that communicates with a RESTful API with JSON and uses object-oriented design.
- o Combined ActiveRecord with PostgreSQL to create, and RSVP events using custom SQL queries.
- o Built user authorization, including secured routing with Rails controller validation.
- o Leveraged the Redux cycle with React to allow users to create events, in multiple cities, and dynamically edit the DOM using API calls.
- o Adopt React lifecycle methods, Redux architecture to provide information on demand with minimal load time.

Mandala Mania (JavaScript, HTML5) | Live • GitHub

A drawing app which utilizes rotational symmetry to create beautiful art

- o To allow the creation of multiple lines at a time, coordinates are captured and multiple points are created at various coordinates with intervals equal to the number of axis chosen.
- o Features rainbow cycling brush, control the number of axes, control the size of the line, choose a color from a full color palette.

The Dating Game (React Native) | GitHub

Mobile dating app that reimagines the mobile dating experience

- o Allow users to create a profile and specify the gender and age range of prospect.
- o Match users who fit each other's specified criteria and live in the same city.
- o Prompt them to play a fun, yet simple game to organically provide a conversation starter

Skills

Ruby	JavaScript	React	Redux	jQuery	HTML
Rails	Git	SQL	CSS	RSpec	SCSS

Experience

Sprint-NexTel: Daly City, CA

2014 - 2016

Technical Consultant

- o Developed and implemented effective communication channels between Tech and Sales teams by using unidirectional emails and unifying email channels to reduce redundancy.
- o Offered exceptional customer experience, awarded top tech over the western US district for 2 years consecutively.

Badr Construction: Cairo, Egypt

2013 - 2014

Site Engineer

- o Executed high-rise building project, coordinated with design team, and oversaw blue prints execution.
- o Supervised construction and documented in alliance with the contract documents and approved procedures.
- o Managed ten-person team, including hiring.

Education

App Academy: San Francisco, CA

Graduate 2017

- o Immersive 1000-hour full-stack web development course with a 3% acceptance rate.
- o Strong emphasis on code quality, TDD, pair programming, and design patterns.

Arab Academy for Science, Technology and Maritime Transport: Egypt

Bachelor of Science, Construction & Building Engineering

2009 - 2013