Mahmoud Younis ElHamalawy

SOFTWARE DEVELOPER

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Perminant Resident / Authorized to work in the US

SKILLS

Ruby	JavaScript	React.js	CSS3
Redux	Rails	HTML5	SCSS
jQuery	Git	SQL	RSpec

PORTFOLIO

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

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

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

Mandala Mania | Live
(JavaScript, HTML5) | GitHub

A drawing app that applies rotational symmetry to create beautiful and playful art.

- Utilized Easel.js to easily manipulate the canvas element in the dom.
- Constructed a function to allow the creation of multiple lines at a time: coordinates are captured and multiple points are mirrored at various coordinates with intervals equal to the number of axes chosen.
- Designed a method which cycles brush colors on mouse click.

goFind! | Live
(React, HTML5) | GitHub

A React app employing Google API Places to manipulate searching for establishments.

- Built utilizing Google Maps JavaScript API, Google Places API, Google Distance Matrix API, and Google Directions API.
- Used Google API to integrate live autocomplete on typing.
- Introduced a method that draws the route between the user's current location and the chosen establishment.
- Coordinated the interaction between a list of results and dropped pins on the map element.

EXPERIENCE

Technical Support   2014 – 2016
Sprint-NexTel: Daly City, CA

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

Site Engineer   2012 – 2014
Badr Construction: Cairo, EG

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

EDUCATION

App Academy | San Francisco, CA
Graduate, 2017

Arab Academy for Science, Tech & Maritime Transport | Egypt
Bachelor of Engineering, 2013

LANGUAGES

ENGLISH	Fluent
ARABIC	Fluent
FRENCH	Beginner