Brooklyn, NY
jackmt9@gmail.com

linkedin.com/in/jackmt9
github.com/jackmt9
medium.com/@jackmt9

Jack Tawil

Full stack software engineer with a passion for utilizing my creative problem-solving abilities. As a magician, I can be very personable, entrepreneurial, and creative. I find problems and, in turn, find workarounds. As a mathematician, I enjoy mathematically understanding the way the world works around me.

Technical Skills

Languages: Ruby, JavaScript, SQL, HTML
Frameworks: Rails, React, Sinatra, ActiveRecord
Other: Git, JWT, JSON, React-Redux, Adobe Suite, FileMaker Pro

Technical Projects

Mnemonic Maker   Demo: youtu.be/mRDLQNtoJXY | Code: Backend / Frontend
A React/Rails-based project that enables users to more easily remember phrases by using song lyrics.
• Scrapes the web for song lyrics and seeds data based on artist.
• Implements full user authorization and saves playlists and bookmarks.
• Utilizes Redux to create a global store and dispatch actions.

Jetgreen   Demo: youtu.be/SIUZVVVib0g | Code: Backend & Frontend
A Rails-based web application designed to help gate agents manage outbound flights.
• Utilizes Bcrypt gem to encrypt and verify a user's password.
• Incorporates Twilio messaging API to send passengers a notification via SMS text.
• Generates random seed data using Faker gem.

COVID Trackr   Demo: youtu.be/lVbZpYMkt3s | Code: Backend / Frontend
A React/Rails-based web application designed to display and query statistical COVID-related data.
• Each request is validated with a JWT token that's stored locally upon login.
• Handles JSON data from an external statistical COVID API.
• Features a live search field that updates in real time.

Work Experience

Tawil Entertainment   New York, NY
Self-Employed Magician   Jan 2015 – Jan 2020
• Entertained at private cocktail events with hundreds in attendance.
• Created custom-tailored routines and sets based on the type of crowd and venue.
• Grew a business by pure networking and word of mouth.

Fantasma Magic   New York, NY
Archivist, Graphic Design Artist, Salesperson   June 2014 – Dec 2017
• Created a digital archive of several million dollars' worth of Houdini memorabilia.
• Produced many mock-up pre-production models and typeset manuals detailing each sets features.
• Managed inventory, sales, advertising, and demonstrating of products at company headquarters.

Education

Flatiron School   Brooklyn, NY
Full Stack Web Development Program; Access Scholarship   June 2020

Brooklyn College, City University of New York   Brooklyn, NY
B.S. Mathematics, Concentration in Applied Mathematics; Presidential Scholar   Jan 2020