

Angel L. Rodriguez

Application Developer

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Employment

Ethos Therapy Solutions

Application Developer

May 2020 to Current

Architected a full, interactive nationwide mapping system with several HereMaps APIs to identify referral source locations and active/opportunity identifiers for our companywide sales team.

Built and automated the company's Help Desk/IT Support application to track tickets via a dedicated ticketing application that routes all incoming and outgoing traffic thru multiple automation functions.

Created an in-house solution/dashboard that allows users to proximate the distance from a patient's location to our closest six service centers by utilizing Google Maps APIs, including the Distance Matrix API.

Automated the generation of patient forms and generated notifications for users with a display of key missing fields that would protect against medicare denials, in turn saving 10% time to produce and review forms for multiple teams.

Pair programming with senior developer lead.

IT Solutions Consulting

Jr Software Developer/Consultant

Apr. 2019 to May 2020

Designed and built a proof-of-concept database for a large northeastern university hospital in order for physicians to record patient sessions and collect digital media during each patient visit.

Automated tasks for clients by planning, composing and building Flows using Microsoft Power Automate.

Planned and constructed a web application for a church to keep track of past and current members allowing users to review and change their data in a staging area for admin to review and confirm changes.

Pair programmed with mid-level and senior developers.

Built and tested servers and server software.

Collaborated with clients to inspect, revise and build features as requested.

Attended and contributed to Agile team meetings.

Nationwide Insurance Company

Commercial Lines Processor

July 2017 to July 2018

Assigned to special projects team to update reference documents in our database that were outdated and required images and modernization of wording.

Reviewed legacy accounts along with inaccurate information and proposed corrections and amendments.

Key Contributions:

Applied root cause problem-solving objectives to target an issue within our origination process that caused a major blockage affecting 1000s of agents within the company.

Successfully investigated and targeted the issue by merging with members of the IT department to finally resolve the impediment and speed up the process of communication between departments saving 20% of the time it takes for customers to receive quotes.

Certifications

CS50 · Introduction to Computer Science

2020

Completion of Harvard's online course, CS50x, including nine problem sets and one capstone project.

CS50W · Web Programming with Python and JavaScript

2021

Completion of Harvard's online course, CS50W Web Programming with Python and JavaScript, including six projects.

Full Stack Open - University of Helsinki

2021

Completion of the renowned Full Stack Open course. The main focus is on building single page applications with React that use REST APIs built with Node.js.

Education

New York Code & Design Academy

July 2018 to Nov. 2018

Certification - Web Development

Completed 720+ hours of the Web Development Intensive Program, including project research, covering various full-stack technologies and various methodologies including OOP, TDD, pair-programming, AGILE, and SCRUM.

Walnut Hill College

Sept. 2008 to June 2011

Bachelor of Science - Culinary Arts

Graduated summa cum laude

Projects

Weather App - JavaScript

Weather app project for the Odin Project's JavaScript course path for exposure to promise handling and using Async/Await.

User Stories:

Display daily or five day/3 hour forecast weather data for a given location

Display data in fahrenheit or celsius via a toggle button

Bundle using Webpack

Display using unique icons for specific weather data

Added a dark/light toggle theme

CS50 Network - Django

One of CS50 Web's main projects tasked to utilize Python, JavaScript, HTML, and CSS, to complete the implementation of a social network that allows users to make posts, follow other users, and "like" posts.

CCT - Django

CCT utilizes Django on the back-end and HTML, CSS, and JavaScript on the front-end. The app allows users to report crimes and suspects in any given area of the U.S. You're presented with several options to report both crimes and suspects whether they are logged in or acting as anonymous users. The final project for CS50 Web with Python and JavaScript.

Mibrary - Django

Django Mibrary is my final assignment/project to complete CS50. Mibrary allows users to register, log in, create a user profile, view/edit user settings and update their password. The app also allows users to create and edit books as well as viewing other user profiles, books and leaving reviews of their own or other user's books.

Battleship - JavaScript

Immerse yourself in an engaging adaptation of the classic Battleship game, available right in your browser. Developed as part of The Odin Project's distinguished curriculum, the game invites players to strategically position their ships on a grid and engage in intense battles against the computer's fleet. Your objective is to outmaneuver your opponent by skillfully sinking all of their ships before they can do the same to yours.

Map-Attack - JavaScript

Geo-guessing game using the REST Countries and Google Maps APIs to allow the user to view questions randomly generated with JavaScript. Built with: JavaScript, Node.js & Express, and the Google Maps API.

Knights Travails - JavaScript

The project uses a Breadth-First Search (BFS) algorithm, knightMoves, that shows the shortest possible way to get from one square to another by outputting all squares the knight will stop on along the way.

Commerce - Django

One of CS50 Web's main projects tasked to design an eBay-like e-commerce auction site that will allow users to post auction listings, place bids on listings, comment on those listings, and add listings to a "watchlist."

Skills

TECH: JavaScript, JSON, HTML5, CSS3, Flexbox, Bootstrap, PostgreSQL, Django, Git, GitHub, Firebase, Heroku, Netlify, QuickBase, Microsoft Power Automate, Pipelines, React