Angel L. Rodriguez

Application Developer

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Employment

Ethos Therapy Solutions

Application Developer   May 2020 to Current

Designed and implemented a migration process to transfer application attachments to SharePoint, reducing file storage usage from over 191% to approximately 63% and avoiding a $90,000 plan upgrade over two years.

Leveraged multiple HereMaps APIs to develop a nationwide mapping system, allowing precise identification of referral sources and visualization of both active engagements and potential opportunities. This greatly enhanced the strategic capabilities of the sales team company-wide.

Developed an in-house application using Google Maps APIs and JavaScript, incorporating the Distance Matrix API to estimate distances on the fly from service centers to patient addresses directly within patient records. This streamlined logistical planning and improved patient service, providing greater convenience for multiple teams.

Designed an advanced ticketing system for the company's Help Desk, enabling automatic generation of help desk tickets from emails sent by employees to the central IT support address. This improved ticket tracking and streamlined support processes, boosting efficiency and reducing response times.

IT Solutions Consulting

Jr. Software Developer/Consultant   Apr. 2019 to May 2020

Designed and developed a proof-of-concept database for a large northeastern university hospital empowering physicians to meticulously record patient sessions and seamlessly integrate digital media for each visit.

Crafted and launched a web application for a seminary 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.

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

Certifications

The Odin Project
A project-based approach to learning and keeping up to date with full-stack web development.

Full Stack Open - University of Helsinki
Completed 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.

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

CS50 · Introduction to Computer Science
Completed Harvard's online course, CS50x, including nine problem sets and one capstone project.

Projects

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.

MapSyncPro
Map Sync Pro is designed to streamline the integration of user data with geospatial mapping. The tool combines the precision of mapping technologies with the complexity of user-specific data, providing an intuitive interface for geographic and demographic analysis.

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.

Tech

FRONTEND: HTML5, CSS3, JavaScript, React, Flexbox, Bootstrap
BACKEND: PostgreSQL, Django, Python
TOOLS: Git, Github, Firebase, Heroku, Railway, Netlify, Power Automate, Quickbase, Pipelines

Education

New York Code & Design Academy
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
Bachelor of Science – Culinary Arts
Summa Cum Laude