Juan S. Duran

Miami, Florida
346-336-1634
juan.duran.info@gmail.com
https://github.com/juanduranc
https://www.linkedin.com/in/juan-duran-info/

Skills summary: React, NodeJs, API, Python, HTML, CSS, SQL, UI/UX design, Data Visualization, Frontend, Backend.
With 8+ years developing software, I excel in React Hooks & Node.js for full-stack web apps while also using Python for data analytics. Proficient in HTML/CSS, I design captivating UI websites. My SQL expertise ensures robust database management. I also present insights through compelling data visualizations.

Education

Master of Science in Business Analytics, August 2020
Hult International Business School at San Francisco, CA
Bachelor of Science in Industrial Engineering, May 2015
Louisiana State University at Baton Rouge, LA
✓ Alpha Pi Mu Honor Society for Industrial Engineers with highest grades

Demo Projects 2023

Weather Channel App: I developed this web app using TypeScript, Redux, React Hooks and fetch. **Visit**: http://54.144.45.182/
Free Backend API Service: I developed this web app using Node.js, Express, React Hooks and SQL. **Visit**: http://3.82.250.157/
Personal Website: Used HTML, CSS, JavaScript, and Bootstrap for my website. **Visit**: https://juanse7.github.io/informatics/

Professional Experience

Business Analyst at DNV
Miami, Florida. 03/2022 to Present
Job skills: SQL, Software Testing, SDLC, SaaS, UI/UX Design
SQL: Designing database structures (ERDs) to improve data processes.
Testing software in multiple aspects such as UI/UX,
In a green energy initiative software, I designed the SQL database structures (ERDs) to improve data processes. As an engineer, I translate client needs into technical requirements for our software developers. I run SQL queries and complex calculations to test software. I upload & manage millions of energy-efficient products, such as forklifts, batteries, and HVACs. I use Jira to assign tasks to software developers at the beginning of each SDLC of our SaaS implementations.

Software Developer at TAS Energy Inc
Houston, Texas. 08/2020 – 01/2022
Job skills: React JS, React Hooks, JavaScript, HTML, CSS, SQL, Node.js, Express, Linux, Modbus, Node-RED, UI/UX, Docker.
Designed and programmed a React JS application that displays a list of environment metrics. I implemented a Node.js backend using Express and SQL to complete this full-stack app. I installed these apps using Docker micro-services and Node-RED in a Wago Edge controllers to read metrics from HVAC systems located in modular datacenters. By using JavaScript, my solution captures RS-485 data from sensors & displays it to users via web browser using decorated HTML.

Software Developer at Out There Web Designs - Internship
Houston, Texas. 07/2020 – 08/2020
Job skills: React JS, JavaScript, HTML, CSS, SQL, UI/UX Design
Assisted in developing a React JS application for a client who hosts a web app where authors can share poems and notes. I used my JavaScript skills to create responsive dashboards having a mobile first approach. By applying data visualization knowledge, my displays provided proper contrast between text and background for optimal legibility.

Software Developer at Grundenplast

Guayaquil, Ecuador. 06/2015 – 07/2019.

Job skills: React JS, JavaScript, HTML, CSS, SQL, Node.js, Express, Linux, Visual Basic, UI/UX Design

I created a React JS app for the sales team to register customer orders. This full-stack app uses Node.js as backend, and My SQL as database. The test version is published in an AWS EC2 server at: http://dropshop-ecuador.com

I also designed and programmed an inventory management system using Visual Basic and SQL. This solution has been working for 7 years without issues providing millions of datapoints. We also used tools such as Power BI for data visualization.

Software Engineer at Cofph.com

Guayaquil, Ecuador. 05/2019 – 08/2019

- Visual Basic + SQL: Created healthcare software that performs calculations to diagnose patients, and stores patient data.
- Accomplishments: Doctors reduced the time used to record and diagnose patients.
- Networking: Centralized data across multiple medical centers using VPN configurations.

Certifications

06/2023
React Basic Programming
https://www.hackerrank.com/certificates/0c651fc7f125

03/2020
SQL Data Manipulation
https://www.datacamp.com/statement-of-accomplishment/course/367a7b8789a2507b6826107dee2d9a37014be831?share=true

03/2020
SQL Joining Tables
https://www.datacamp.com/statement-of-accomplishment/course/3a72f65e6e9f5cd95e57f950d050551b7c7dabaa?share=true

11/2019
Python Fundamentals
https://www.datacamp.com/statement-of-accomplishment/track/527a3dc8d592276914ea750eaced9c405513be5d

08/2019
Software Architecture
https://www.udemy.com/certificate/UC-PAPE94ME/

Languages

English
Spanish