**Juan S. Duran**

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**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