

Rey Messon

IOS ENGINEER

Personal Info

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Expertise

- TEAM WORK
- SOFTWARE DEVELOPMENT
- CREATIVE DESIGN
- COMPLEX PROBLEM SOLVER
- INNOVATIVE
- PROJECT MANAGEMENT

Results-oriented to deliver the best solution for over 10 years as a Software Engineer for the Telecommunication industry, core banking, and Maritime terminal industry. Skilled at maintaining one of the main software of Verizon as a sub-contractor. Achieved more than 10 projects from 2008 until the present. Looking to join your Company in order to help you to deliver all my skills and my experience as a Software Developer. In the future, I will be doing a Master in Computer Science, Machine learning, and computer vision.

Experience

IOS ENGINEER

Skymax Dominicana, Santo Domingo, DR.

May 2021 - Current

- **Swift iOS** - I created a Jewelry eCatalog app with **Xcode**:
- I created a module to upload a picture and product detail using an **iPad**, and then the backend receives that Data, also I created the module to do the maintenance to the application like a CRUD from any iOS Device iPhone, or Tablet.
- The application using **SwiftUI** is able to add the views like Login, ContentView, Product, Product Item, FilterView, and Favorite View, one thing that I feel so proud of in this project is that I implemented an **ImageCache** to improve the speed of the rendered picture when the app is running.
- Right now I'm exploring the technologies to use in a new project as **StateObject**, **Swift Snippets**, **Type Inference**, and **Distributed actor isolation**, hoping to the next project injected these new features.

IOS ENGINEER

Newtech, Santo Domingo, DR.

October 2015 - April 2021

- On the SMD project, I developed the iOS version on Swift for the portal view on the Genesys project, it's related to finding information from **XML** request and showing it on an **iOS** Verizon Mobile app. I was part of the implementation of the Human Resource iOS app using **Swift**. The View Circuit in the iOS app, lets the user see the status of Verizon's devices that belong to the customer but are under the **Verizon** administration.
- Archive Module migration; as an SMD developer, I create from the scratch the new functionality of the Tabview.
- SMD Standard Report; new enhancement requested by the Team Lead was to create a new standard report.
- Master View - I implemented the whole module of personal information accordion as address and contact, etc.
- Circuit Module - I enhanced the circuit module by optimizing its retrieval algorithm which reduced the load time and improved the user experience
- Assets - I enhanced the module by applying advanced implementation to improve in the user experience. Items in order to see their details in more fashion.

SOFTWARE ENGINEER

Asoacion Popular de Ahorros & Prestamos, Santo Domingo, DR.

March 2012 - September 2015

- Software Developer; in Oracle form, report, and PL-SQL development, they use a core banking called **aBanks**, on-site fixing defects related to the application core, develop an interface, implement the stored procedure, trigger and creation of new functionality giving good solution to the entire banking company.
- I was part of the staff who implement the new core bank called **T24** from Temenos company one of the most important banking software in the world.
- DBA **ORACLE** PRODUCTION; Oracle Database administration, managing the whole production database, creation, installation, upgrade y patches. User and schema's admin, storage responsible on HD and Tape.
- Backup and monitoring supervisor. All tasks of DBA.

Skills:

Angular

Reactjs

AWS

Android

Web Design

MongoDB

Postgresql

MSSQL

MYSQL

ORACLE

Android Design

Java

Kotlin

React Native

C++

Kafka

OpenCV

NodeJS

GraphQL

PL-SQL

T-SQL

SOAPUI

SwiftUI

Django

Python

Docker

Redis

Twilio

- Software development in **PL-SQL** for the migration project.
- Programming solution for all environments from test to production, in order to get ahead with new core banking.
- My experience using **SAP** was creating the reports according to the new central bank regulations government.

SOFTWARE ENGINEER - TOS

*Haina International Terminals, Santo Domingo, DR.
October 2008 - February 2012*

- TOS (Terminal Operating System); As Administrator of Navis Systems in the whole terminal; Navis N4, Billing N4, SPARCS XPS, Web Access. **Developer Senior.**
- From Financial Department to Operations Department I connect all the interfaces from Navis to **Microsoft Dynamics** and local system to departure services.
- I created the mapping schematic using **Xenos EDI mapping** to process the **EDIFACT** requested by the lines, from Navis N4 to EDI format file, giving to the customer every move that their container is doing in our terminals.
- Using **JasperReport** - iReport; I developed all the reports that were used to make the operation more productive.
- For discharge and load container activities I implemented the **COARRI** message.
- For the Gate-In and Gate-Out activities I implemented the **CODECO** message.
- For the Hold/Release activities I implemented **Acknowledge**.
- Modified the **Motorolla HandHelp's** software that the tally clerk uses in the yard in order to record the activities from containers that are moving in the terminals.
- I implement the software that reads the Manifest **XML** file received from the Customs Authorities every day.

Academic Background

PONTIFICIA UNIVERSIDAD CATOLICA MADRE & MAESTRA.

Bachelor of Software Engineer

- Scholastic Competition in ACM-ICPC
- During the signature Advanced Web Development I had to create a Shopping Cart in **Reactjs** that connect to **AWS Alexa**, **DynamoDB** using echo.
- I applied my knowledge about **Kafka** in a project regarding a semaphore where is sent to the topics the lights and the time using nodejs as producer. And then I added a mobile application developed in **Kotlin** as a consumer that sends I signal to the semaphore telling that an old person needs to cross the street, I used socket.io in order to communicate the devices.
- I applied my knowledge regarding **OpenCV** in a project where I needed to compare two faces. And then I added a putText where show the name of the personal detected. In order to get more quality at the image added **C++** with JNI. And another project I used OpenCV to read hand gestures.
- I created a mini-youtube page using **ElasticTransCoder** that reproduce video in 240p, 360p, 480p, 720p 1020p, HD, using **S3**.
- I created also an application that unblocks the users using voice recognition with Powershell, active directory, nodejs, Asterisk and **AWS EC2**.
- As the final project of my career, I solved the issue that the people were not able to find a good candidate to make the tasks that they need at home all anywhere they needed, so I developed an Auction system that solves this issue and the user is enabled to create auction section in order to get the best technical person and the best prices. Using **MongoDB**, **Angular**, **Nodejs**, **GraphQL**, DigitalOcean, **Bootstrap**. I created it from the scratch.

CERTIFICATIONS

Advanced Software Engineer Skills certifications

Web Development: HTML5, Bootstrap, CSS, SCSS, Javascript, JQuery, Angular, React Redux, ReactNative

Cloud Platform: AWS IoT, Containerized Application on AWS, AWS Fundamentals - Building Serverless Applications, Migrating to the Cloud, Addressing Security Risk, Going Cloud-Native, AWS Machine Learning.

Mobile Development: Android - Kotlin and Java.

Project Management: Agile, SCRUM