Rey Messon

SOFTWARE 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

SOFTWARE ENGINEER

Newtech, Santo Domingo.
October 2015 - April 2021

- On the SMD project, I develop the portal view on the Genesys project, it's related to find information from XML request and show it on an **Angular** web application.
- Archive Module migration; as an SMD developer, I create from the scratch the new functionality of the table view.
- SMD Standard Report; new enhancement requested by the Team Lead was to create a new standard report.
- Swift iOS - I created a Jewelry eCatalog app with Xcode.
- Bulk Upload Excel File, I made maintain to the component of excel functionality in the backend in **Java**.
- 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 user experience
- Assets - I enhanced the module by applying advanced SCSS improvement in the dropdown Items in order to see their details in more fashion.
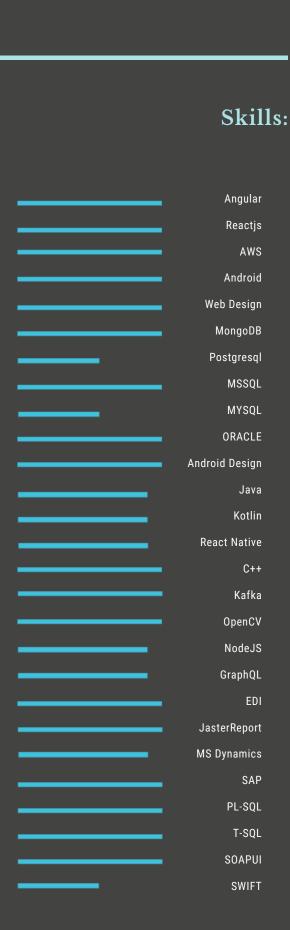
SOFTWARE ENGINEER

Asoacicion Popular de Ahorros & Prestamos, Santo Domingo.
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.
- 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.
October 2008 - Febrary 2012

- TOS (Terminal Operating System); As Administrator of Navis Systems in the whole terminal; Navis N4, Billing N4, SPARCS XPS, Web Access. **Developer Senior**.
- Trainer as a teacher to Vessel Planner, Yard Planner, Dispatcher; I dedicate much time mentoring the final user for the position of Vessel Planner, Yard Planner, and Dispatcher.
- Navis Sparc N4 Implementation, the implementation of Navis System in Haina Terminal was developed by me.
- From Financial Department to Operations Department I connect all the interfaces from Navis to **Microsoft Dynamics** and local system to departure services.

Skills:

Angular

Reactjs

AWS

Android

Web Design

MongoDB

Postgresql

MSSQL

MYSQL

ORACLE

Android Design

Java

Kotlin

React Native

C++

Kafka

OpenCV

NodeJS

GraphQL

EDI

JasterReport

MS Dynamics

SAP

PL-SQL

T-SQL

SOAPUI

SWIFT

- 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.
- I implement all system that sends the message to the carrier lines that come from the activities that their equipment are using in the terminals.
- 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.**
- I designed the ticket that gives to the truck driver when they arrive at the terminal.
- I designed the schematic yard software view in order to see all equipment in the terminals.
- I designed a vessel schematic software view that shows the details of the vessel.
- 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.
- I implement another EDI standard called **301**, **309,** and **322.**
- I modified that finance application in order adjusts to the new request from authorities.
- I create the interface that updates the data from the old finance system to Dynamics.
- I fixed a very important issue when the **Panama Canal** was enlarging because the whole staff was new at that time I had to help them to understand how **Baplie** file format works.
- As a **Project Manager** I created a team that was in charge of making the whole operations without using paper. Opening a new era in the terminal by the implementation of our systems.

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