



VLADIMIR JUAREZ

OBJECTIVE

Always disciplined and committed with my passions, technology, automation, and the IoT. I learned persistently and improved my soft skills working in great teams, developing and building different projects, also leadership skills helped me to perform and adapt to circumstances to deliver in a deadline.

CONTACTS

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EDUCATION

Instituto Tecnológico de Veracruz
Mechatronic Engineer

Industrial Automation
Computacion del Golfo
2015-2016

Java Programming
Computación del Golfo
2014-2015

AWARDS

GEIQ Querétaro
Web development hackathon

Centro Fox | Water Hackathon
Finalist in "Service" category

ITVER | "Technological Innovation 2018"
Winner

WORK EXPERIENCE

Stackcode

Full-stack Developer | Feb 2019 |

DMI Platform

Enterprise platform to make the control of products, spare parts, sales, rents and quality actions of the company. In this project I developed two modules, the Quality module and Spare part module.

Activities:

- Develop interfaces
- CRUD operations
- DB manipulation by backend controllers
- Programming the send of emails
- Programming and manipulation of files in server
- Develop Policies for authorize endpoints for the API

Tools:

- SENS.js Stack
- Front end with **Angularjs** and bootstrap framework
- Consuming resources with \$resource object from angularjs
- Backend with **nodejs** and express framework
- Database in **MySQL**, manipulation with sequelize ORM
- Sessions by **Redis DB**

Fleet Up

Application for checking the status of your car, lecture of car's parameters for prevent the user about the "health" of your car. **(IN DEVELOPMENT)**

Activities:

- Manipulation of data by **Mongoose** ORM in express framework
- Application developed in **React Native**

Tools:

- **NoSQL DB** in **MongoDB**
- React Native
- Google maps
- Android & iOS
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WORK EXPERIENCE

Hexagono panel

An IoT panel, specifically for the control and metrics of a watermeter develop by **Tecnologías Hexagono**.

Activities:

- Display the metrics of the water meters by specifics periods of time.
- Consume of resources of external **API**, provided for client
- Use of **google maps** and manipulation of those ubications.
- Use of **GeoJSON**

Tools:

- **Angular 5** framework
- Chart.js for dashboard
- Google Maps

Electromagnetic Compatibility Lab | MABE TYP

Intern | Aug 2018 - feb 2019

Testing and Validation Method's Homologation for CISPR 14-1 Radiated Test

- Research about requirements of electromagnetic compatibility for households appliances
- Development of an app for validation support (Vue.js for the frontend <https://github.com/vladimirjv/CISPRvalidation>,
- Flask for backend (<https://github.com/vladimirjv/CISPRbackend>)

TEMPERATURE CONTROL

Scholar Project | 2018

- RTS (real-time system) for control air conditioner, improved in c++ (Arduino Sketch), with concurrent programming, and manipulated with WiFi by the ESP8266 microcontroller. | <https://github.com/vladimirjv/Instrumentacion>

SKILLS

Frontend

- Angularjs
- Angular.io (5,7)
- Vue
- React
- Bootstrap

Backend

- Express, nodejs
- ASP.NET core 2.2
- Dart

Mobile

- React native
- Android

NoSQL

- MongoDB

SQL

- MySQL
- Postgres (entry level)
- SQLserver