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## **COVER**

Hello, my name is William. I am a System Engineer, a JavaScript FullStack developer and leader of a Google Developers Community group. I have been working with JavaScript for 11 years so I am very familiar with several frameworks within this programming language. Some of these frameworks include React, Angular, Vue, Node, Express, LoopBack, Sequelize, etc.

Right now I am responsible for overseeing and managing my team of developers. I love writing code and I'm comfortable with many developing processes like DevOps, Backend, and Front-end.

Specially I love the Progressive Web Apps and enjoy working on challenging projects that allow me to apply and learn new technologies every day.

In my experience I have worked with several international companies such as Sightlinemaps and Source Meridian. Currently, I am working on a USA Fintech Milo Credit where I am implementing new systems and infrastructures.

## **KNOWLEDGE**

Programing languages or FrameWorks I know are:

### **Front end:**

- Vanilla, Service Workers, PWA, React (Libraries: Admin On Rest, Redux, Saga, NextJS, React, Material UI, etc.), GraphQL, Electron (Atom), ReactNative, Phongap, Cordova, Vue (Vuex, Vuetify, Nuxt, etc.), TypeScript, HTML5, CSS3, Bootstrap, Materialize, Django, CycleJS, Snabbdom, RamdaJS, Lodash, FlydJS, WebPack, Grunt, Firebase (Cloud functions, Realtime database, hosting, etc), Angular, RxJS, AngularJS, etc.

### **Back-end:**

- NodeJS, Express.js, GraphQL, Express Decorators, Loopback, Sails.js, Sequelize, Mongoose, MongoDB, MySql, SQL, WaterLine, RabbitMQ, PHP (Codeigniter, Laravel, Symphony), Python, Django, etc.

### **Tech or platforms:**

- Azure Web Services, Amazon Web Services (Lambda, S3, EC2, Route53, API Gateway, CloudWatch, CloudFront, Rekognition, etc.), Jenkins, Google Cloud, Heroku Web Services, Bluemix, Watson, Git, FileZilla, Putty (SSH protocol), Trello, CPanel, WHM, LAMP, XAMP, Docker, etc.

## WORK EXPERIENCE

**Title:** CTO

**Company:** Milo Credit LLC.

**Description:** Started and strengthened the company's technology area, I have been overseeing the dev team and built all software architecture and infrastructure of the servers with AWS and Google Cloud solutions.

I have done all architecture (Continuous Integration, EC2, Rekognition, S3, CloudFront, Lambda, Route 53, API Gateway and RDS instance setup,) and software base implementation to start the development.

The most important software part is developed with JavaScript, React and NodeJS.

**Year:** Current.

**Title:** Full Stack Developer Lead

**Company:** Source Meridian - Oiga Technologies.

**Description:** I had to oversee some developers in different projects mentioned ahead. In those projects I worked with React, Angular, Python, Nodejs, MongoDB, Blockchain and older software like Access DB for PavTravel or PabTours actually.

**Projects:** Gotlicks – PavTravel - Purplelab - Certix

**Year:** July 2017 to November 2018.

**Title:** Full Stack Developer Lead

**Company:** Imaginamos SAS.

**Description:** To Sightline Maps, I traduced a code from Erlang to Python and JavaScript (NodeJS), basically I rebuilt all services to NodeJS (Serverless with Lambda) and Python in EC2 instances. Also I built some features in Service Workers to process all LiDAR files points in the canvas browser and created a socket system communication with RabbitMQ, Python, Lambda and Socket browser.

To Chiper, I helped to build the backend with loopback and to implement the real-time system with socket.io

**Projects:** Chiper - Sightline Maps

**Year:** October 2015 to July 2017.

**Title:** Web Developer

**Company:** 3creatives

Description: I did some plugins for Cordoba and I built some web sites with Angular.

**Year:** March 2012 - October 2015

**Title:** Web Developer

**Company:** Dincox Industrial

**Description:** With an Electronic engineer, we built a real-time system to the agricultural machines where we could measure all machine states, we could know if the machines are working or not. I built the backend side with SailsJS (NodeJS) and the front with the Handlebars library. Also I build many web pages with Laravel.

**Year:** 2009 - 2012

## **Projects and/or web pages that I have worked**

### **Some posts:**

#### **Scientist dev on Sightline Maps**

<https://idx.com.co/sightlinemaps-20adff3c8e26>

#### **Vanilla always is better**

<https://github.com/fortil/vanilla-is-always-better>

### **Delivery Platform**

Project: Manager of the admin platform in back and front side, with Admin On Rest (AoR) - React and Loopback, Sequelize and GraphQL.

URL: <https://chiper.co>

### **LiDAR technology file viewer**

Project: Backend developer and part of the front of a LiDAR file visualization project, scientific technology that uses lasers to create an accurate 3D projection, the web application, renders that data and shows them as images, in addition to generating 3D maps in real time.

URL: <https://www.sightlinemaps.com>

### **Certix**

Platform to protect the certificates with blockchain. Backend developer with Sequelize and Mongoose.

URL: <http://www.certix.co>

### **Gotlicks**

Platform about musician gigs. Angular developer and Backend developer. I built the backend with Sequelize, Express and Mongoose.

URL: <http://www.gotlicks.com/>

### **Surgas**

Gas and Energy company platform to manage the claims and suggestions.

URL: <http://www.surgas.co>

### **Progressus**

Psychology platform. I was React and a Firebase developer.

URL: <http://www.progressus.co>

### **Booking system for Procinál cinemas**

Project: Implementation of a reservation system completely in JavaScript, connecting with webservice.

URL: <https://www.procinál.com>

### **News portal**

Project: Implementation of a news portal where front and backend is in JavaScript, with push notifications, real time database, and some of the technologies of the

Progressive Web Applications.

URL: <https://www.ncnoticias.com>

### **Energy portfolio company**

Project: Web page about energy company

URL: <https://www.gsen.com.co>

### **App for iOS and Android**

Project: App to take pictures for news reporters "urbanos".

URL: <https://www.ncnoticias.com>

### **App for iOS and Android**

Project: App to resolve tasks.

URL: <https://www.ala3.co>

### **App to peace: App about the peace agreements**

Project

PlayStore: <https://play.google.com/store/apps/details?id=com.eulerion.appparalapaz>

**Project: App web.**

Company: Prestaya

<http://prestaya.dinoxindustrial.co>

**Web pages**

URL: [http:// diaustria.com](http://diaustria.com)

Company: [diaustria.co](http://diaustria.co)

URL: <http://kassani.com>

Company: [nutshellstudio.co](http://nutshellstudio.co)

URL: <http://www.dipro.com.co>

Company: [nutshellstudio.co](http://nutshellstudio.co)

Test: [nutshellstudio.co/dipro](http://nutshellstudio.co/dipro)

URL: <http://www.redclustercolombia.com>

Company: [nutshellstudio.co](http://nutshellstudio.co)

URL: <http://www.redclustercolombia.com/indicadores>

Company: [nutshellstudio.co](http://nutshellstudio.co)

Test: [nutshellstudio.co/indicadores/entrega](http://nutshellstudio.co/indicadores/entrega)

URL: [http:// photopia.com.co](http://photopia.com.co)

Company: [nutshellstudio.co](http://nutshellstudio.co)

Test: [photopia.com.co/beta](http://photopia.com.co/beta)

URL: <http://www.geografiaurbana.com>

Company: [nutshellstudio.co](http://nutshellstudio.co)

Company: [opdelcamposa.com](http://opdelcamposa.com)

Test: <http://plataformaagro.herokuapp.com>

Project done: Contability with C# and SQL

Company: Storm Sport

Project: Web shop

Empresa: Hierbabuena

<http://www.hierbabuenacali.com>