# CRISTHIAN BARROS

Software Developer

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## ABOUT ME

Hi there, I am a software developer with 7 years working in software development field. I've worked with differents web technologies such as Php, Angular, Vuejs, HTML5, CSS3 and Javascript among other. I've been work with relational databases and no-relational databases such as PostgreSQL, MySQL, MongoDB and Firebase RealTime respectively. I'm self-taught, curious, proactive, sociable, determined and goal-oriented very good at working and collaborating with teams. I like to ride bicycle, I like to watch netflix series, movies. I like to do some workouts and eat fast food sometimes.

## PROJECTS

### Wordpress Site Migration — Freelance

28 Feb 20 - 02 Mar 20

I made the installation process of the latest version of Wordpress from scratch. Whole installation and configuration of the site I was done on a local server, since this allowed me to have better control of the server and faster workflow. After finishing the installation and configuration I migrated the site using the Duplicator pluging to the public server.

**Achievements:**

- Fresh installation of the latest version of Wordpress.
- Upload and install the theme to use, import demo and configure plugins.
- Create user and database for the wordpress site.
- Wordpress Site backup using Duplicator plugin.
- Configure SSL Certificate.
- Configure Contact Form 7 Plugin.
- Add some code css.

**Technologies used:**

`Wordpress` `cpanel` `Duplicator Plugin` `Contact Form 7 Plugin` `MySQL` `Themeforest themes`

### Sugar CRM Migration — Freelance

14 Jan 20 - 15 Jan 20

The application was migrated to a new server, following this change some server configuration errors and some CRM errors appears it.

**Achievements:**

- Change php.ini file upload configuration and session path too.
- I Solved errors.

**Technologies used:**

`PHP 5.x` `Sugar CRM`

### WebServices Integration Mahalo POS - Websaas — Freelance

28 Jun 19 - 02 Jul 19

The aim was to create an api client with native PHP that consumed an external Api. It took me few days to understand the architecture of the project, however it was successfully completed with each of the client's requirements.

**Achievements:**

- Create an Api client using curl PHP library.
- Catch errors when Api External not response.
- Create algorithm will fit to the customer requirement.

**Technologies used:**

`PHP` `Curl` `Xml` `Informix DB` `Putty`

### Carpooling App — Ingeniería Especializada S.A - IEB

In this application we create a prototype to offer and find rides among the same employees of the organization. The idea was to create an intuitive application, with a good user experience and fully functional. It was a great challenge for me, because I didn't know most of the technologies we were going to use to create the application. However, all tasks were completed on time. Within the functionalities we can highlight:

- The user can create, list, edit and delete it own rides.
- The user can find matches quickly through map.
- The user can register or unregister to a ride everytime they wish.
- Everytime user register or unregister, a notification was sent it, the same way when user deleted, edited or created a ride too.

**Achievements:**

- Create a Hibryd app using one code base.
- Use all features of Google Apis (Maps, Place, Directions). Use the power of google cloud functions.
- Realtime chat.

**Technologies used:**

`Ionic` `Angular` `Firebase Realtime/Functions` `Google Maps/Place/Directions` `Push Notifications`

### Dashboard Reservations Aplication — Ingeniería Especializada S.A - IEB

The project was based on updating an existing application in CakePhp, this update required using more modern technologies and adding other functionalities that would allow the application to be more parameterizable.

- The user can create, list, edit and delete it own reservations.
- The user can add, edit or delete events from each reservations.
- The user can add, edit or delete types associated to a reservations..

**Achievements:**

- Create a intuitive UI.
- Improve the project structure in FrontEnd (Vuejs) and Backend(Api Laravel).
- Define an application completely parameterizable.

**Technologies used:**

`PHP 7.x` `Laravel 5.6` `Vuejs` `FullCalendar` `HTML/CSS` `Bootstrap 3.3.7` `PostgreSQL`

### BackLog (SIG+) — Ingeniería Especializada S.A - IEB

SIG + is a web application created internally based on the principles of the balanced scorecard; The objective of this application is to help the organization make better decisions through reports and graphs, project management, employees administration among others, and generate value to each area of the company. A huge percentage of time we invest by adding new features, solving errors, creating new reports or modules that help improve processes or automate them. We rely on the SCRUM methodology as an agile work framework, each week start we define the sprints with a maximum duration of 2 weeks, at the end of the week we perform a feedback of the work that was done.

**Achievements:**

- Commercial Module Reports.
- Commercial Module Forms Improvement.
- Employees Module Time Report Improvement.
- Improve Email Sending with Server Process in Background.
- Events Module Creation.
- Financial Module reports.
- Coffe Android App.

**Technologies used:**

`PHP 5.x` `Phpmailer` `Android` `moment.js` `HTML5/CSS3/JAVASCRIPT` `PostgreSQL 8.4`

## SKILLS & TOOLS

**Frontend**

Angular
40%

Vuejs
30%

Javascript
40%

HTML5
80%

CSS3
50%

**Backend**

PHP
70%

Laravel
40%

PostgreSQL
50%

MySQL
30%

**Otras**

`C#` `Firebase` `Node.js` `WordPress` `Ionic` `Android`

## EDUCATION

**Systems Engineering**
Inst. Universitaria Salazar y Herrera - IUSH
Medellín, Colombia
2013 - 2016

**Systems Technologist**
Corporación Universitaria Adventista - UNAC
Medellín, Colombia
2008 - 2013

## CERTIFICATIONS

**JAVA SE 7 Programmer**
Global Knowledge Colombia
Medellín, Colombia
2015

**Web Dev with PHP & MySQL**
Cymetria Group S.A
Medellín, Colombia
2013

## PROFESSIONAL REFERENCES

**Juan Esteban Quiroz López**
Ingeniería Especializada S.A
IT Director
+57 321 615 54 48

**Diego Alberto Duque Agudelo**
NOVASYSTEM S.A.S
Chief Technical Officer
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## LANGUAGE

**Spanish** (Native)

**English** (intermediate)

## INTERESTS

Cycling

Workout

Reading