CRISTHIAN BARROS

Software Developer

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ABOUT ME

Hi there, I am a software developer with more than 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.

PROJECTS

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

SIG + is a web application created internally based on the principles of the balanced scorecard; The aim 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`

SIG+ SMG Emails
Ingeniería Especializada S.A - IEB

With the need to centralize the sending of SIG + mails, the idea arose to develop an application capable of having traceability of each one of the sent mails, allowing us as a development area to have a better administration of them. I highlight some of the features:

- CRUD of templates associated with emails.
- List of emails, according to status (sent, queued or not sent).
- Mail detail interface, display of sent mail (HTML), shipping details, attachments, errors etc.

Achievements:

- Create a nice graphical interface.
- Attachment download.
- Handling of Exceptions to be able to have traceability of errors in case there were any.
- Implement mailings using Queues in Laravel.

Technologies used:

`Angular` `PostgreSQL` `Laravel` `Api`

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:

- CRUD of rides
- Search for rides through a map.
- Registration or cancellation of a trip.
- Sent notifications to users.

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 Application
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.

- CRUD of reservations.
- Editing or deleting an event associated with a reservation.
- Management of metadata associated with a reservation.

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`

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`

SKILLS & TOOLS

Frontend

HTML5
80%

CSS3
50%

Javascript
40%

Angular
40%

Vuejs
30%

Backend

PHP
85%

PostgreSQL
50%

Laravel
40%

MySQL
30%

Otras

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

EDUCATION

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

Systems Technologist
Corporación Universitaria Adventista - UNAC
Medellin, Colombia
2008 - 2013

CERTIFICATIONS

JAVA SE 7 Programmer
Global Knowledge Colombia
Medellin, Colombia
2015

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

PROFESSIONAL REFERENCES

Juan Esteban Quiroz López
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LANGUAGE

Spanish (Native)

English (Intermediate)

INTERESTS

Cycling
Workout
Reading