



YEISON ARLES VELEZ

SYSTEMS AND TELECOMMUNICATIONS ENGINEER

Identification card: 1053817452 | Address: Calle 56B, N°18 A 32. Manizales | 28 years old

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PROFILE

Passionate about his field of study in which he has worked professionally since 2014, with ease when learning and adapting to **new technologies**. try to adhere to the **best practices** that guarantee optimal behavior in its final objective; understanding and sharing the idea of concepts such as code reuse and use the necessary resources to achieve solutions, without neglecting the visual and functional part. He has participated in supporting applications focused on national companies such as MINTIC, National Superintendency of Health, MINSALUD, COLCIENCIAS and FIAAP that seek solutions in the **health sector**. He has also had the opportunity to participate in projects of **academic impact** at the University of Manizales in projects such as the quality management system and service culture.. interested in providing an excellent user interface (**UI**) and user experience (**UX**), also knowing that the main asset of any organization is user satisfaction and accessibility to reliable information.



EDUCATION

- | | |
|------|---|
| 2012 | <p>Title: ANDROID mobile device development training certificate 80 contact hours. Institution: People Contact (Manizales).</p> <p>Title: Course on Design and Development of games for mobile and android devices. Institution: Crystal Elearning (Málaga, España).</p> |
| 2013 | <p>Title: Mobile development course and Web applications.. Institution: University of Manizales - Systems and telecommunications engineering program..</p> |
| 2015 | <p>Title: Systems and Telecommunications Engineering. Institution: University of Manizales - Systems and telecommunications engineering program.</p> |
| 2016 | <p>Title: Course on "Bioengineering: exploring physiological data for interactive applications" with an intensity of 14 hours.. Institution: Center for Bioinformatics and Computational Biology of Colombia (BIOS).</p> <p>Title: "Fundraising: tools and methodology in the search for financing for STel projects". Institution: Center for Bioinformatics and Computational Biology of Colombia (BIOS).</p> <p>Title: Diploma in Scientific Computing, Simulation, Big Data, with an intensity of 120 hours. Institution: Center for Bioinformatics and Computational Biology of Colombia (BIOS).</p> |
| 2018 | <p>Title: Angular 6 Course - From scratch to professional with a duration of more than 13 hours. Institution: Udemy.</p> <p>Title: Angular 5 and TypeScript - Introductory step-by-step course.</p> |

Title: Learn Ionic 3 from scratch (before Ionic 2): Immersive course lasting more than

15.5 hours.

Institution: Udemy.

Title: Ionic 2 and ionic 3: Create apps for Android and iOS from scratch.

Institution: Udemy.

Title: FlexBox course from 0.

Institution: Udemy.

Title: Certified UX Design Foundation.

Institution: Bs Group.

2020

Title: React Native Expo.

Institution: Udemy.

Title: Building RESTful Web APIs with ASP.NET Core 3.1.

Institution: Udemy.

Title: React: From Zero to Expert (Hooks and MERN)

Institution: Udemy.

Title: Your complete development guide for IOS and Android

Institution: Udemy.

2021

Title: Scrum Master + Lead Scrum Teams and Ágil.

Institution: Udemy.

Title: Certification of completion – Official NestJS course.

Institution: Udemy.



ATTENDANCE TO EVENTS

February 22-24 de 2012

Title: National Meeting on Technological and Business Innovation.

Institución: National University of Colombia - Manizales, Nubia headquarters

September 10, 2012

Title: Participation in Information and Communication Technology Seminar.

Institution: Superior School of Public Administration - Manizales.

May 4-5, 2013

Title: EVENTO CO – CREA Manizales – Colombia.

Institution: ParqueSoft – Manizales.



WORK EXPERIENCE

Almera Information Management S.A.S
August 2014 – February, 2015

Web development and uploading of information to project management platform.

Center for Bioinformatics and
Computational Biology of
Colombia
May, 2015 – May, 2018

Web development, front-end in support tasks in the implementation of the center's applications from the point of view of functionality.

Tic Solutions Integration
December, 2015 – May, 2016

Full stack web development and requirements survey and design and specification work.

MDOS4 Portal de la Vida
June, 2018 – September, 2018

Mobile app development leader

Universidad de Manizales
October, 2018 – October, 2019

Support in the development of the Data analytics area. (DataLab Consulting in Digital transformation)

CIA Transportadora S.A.S
October, 2019 – January, 2020

Universidad de Manizales
August, 2020 – December 2020

PersonalSoft
August, 2020 – December 2020

Support in the development of a container management mobile app

Support in the Voice of the Customer applications, PQR Platform and InfoFactura

software analyst 1



DISTINCTIONS

- Academic Excellence VII semester.
- Academic Excellence VIII semester.
- Academic Excellence IX semester.
- Certificate of recognition for the best result in the performance evaluation at the Center for Bioinformatics and Computational Biology of Colombia (December 22, 2016).
- Preferred freelancer on the platform <https://www.freelancer.com/>



SKILLS

- Technical English

Front-End

- Javascript.
- CSS3, Flexbox.
- HTML5.
- Bootstrap, jquery.js
- Wow.js, prefixfree.js
- D3.js - C3.js
- Three.js
- Angular.js - Angular
- Ionic v1 y Ionic 5
- React.js
- React Native
- Flutter

Back-End

- Nodejs
- Mysql - PostgreSQL
- MongoDB
- PHP
- Python
- C#

Others

- Repositories git.



PORTFOLIO

Contribution and support of applications:

- Creation of "Platform for Georeferenced Visualization of Health Variables for the Department of Caldas for Dengue Cases in Caldas", through the consumption of a web service to feed a dynamic map, with data visualization techniques, using tools in the language javascript three.js, d3.js, tween.js, Angular.js.
https://youtu.be/Nubt_DoceoQ
- Support in the mobile app for the Presidency of the Republic, MinSalud, MinTIC, Colciencias and Supersalud. Its objective is to seek greater transparency and communication with users of the health sector. Developed in the IONIC and Angular.js framework, to create hybrid

applications for Android and IOS. It works by integrating web services from www.datos.gov.co.
<https://play.google.com/store/apps/details?id=com.minsalud.clicsalud>
<https://itunes.apple.com/co/app/clicsalud/id1084267740?mt=8>
<http://clicsalud.co/>
<https://www.youtube.com/watch?v=xCym6oZgMoY>

- Support in the “Bariatrack” app, consists of measuring the success of a bariatric surgical intervention, using the components specified in the BAROS scale paper.
http://www.obesityteam.com/baros/baros_oria.pdf
- Support in the clickhealth web portal from the point of view of functionality, a platform on which the information presented by the data from the clickhealth mobile app is analyzed and collected, to facilitate decision-making.
<http://clicsalud.co/portal/#/dashboard>
- Support in the NLP (Natural language process) platform, to check the feeling of a sentence. Specially dedicated to the complaints or claims that an EPS may present.
<http://clicsalud.co/NLP>
- Support in the reporting management platform for accountability, in the 2016 Royalties project in BIOS.
- Creation of a management and control platform for the elderly, for the company Tic Solutions Integration, which consists of the movement of monies that can be claimed by the elderly, carrying out their monitoring.
<http://personasmayoresmanizales.org/>
- Support in "SisbioTv", information portal on internal processes in the bioengineering area.
- Support in “Neurolanguage”, an electronic language that analyzes food and identifies its composition.
<https://www.youtube.com/watch?v=CnecHzW9UdQ>
- Support in “Morphing APP”, App and portal for the generation of the 'morphing effect' between a human to an ape.
<http://appcolevol.bios.co:8030/PortalMorphing/#/dashboard>
- Support in "NLP V2", application for sentiment analysis with georeferencing in real time, for Colombia and the world, allowing the filter of words and hashtags.
- Support in Biotecred, a network of Colombian companies in the BIO sector that connect to do business and projects.
<https://www.biotecred.co/>
- Support in “Application Launcher”, an application designed to project the center applications on the BIOS data display wall.
<https://www.youtube.com/watch?v=zs39Xp-UTqg&t=854s>
- Support in the “Witness Mira” app, a mobile application for Android and ios devices used in the elections held in March 2018 for the MIRA party, for the control, registration and verification of electoral information in Colombia. Obtaining vote reports and dashboards in countries like Canada, USA, Aruba, Costa Rica, Puerto Rico etc.
<https://play.google.com/store/apps/details?id=com.partidomira.testigoselectorales>
<https://appadvice.com/app/testigos-mira/1353634712>
- Support in the “TVSS value transfer platform”, a web portal that functions as a dashboard for the control, monitoring and infoviz of the value transfers of the health sector, aimed at Minsalud.

<https://www.youtube.com/watch?v=zs39Xp-UTqg&t=854s>

- Support in TIN APP mobile application to view offers for a city and redeem coupons using geolocation.
<http://tinglobal.app>
- Support in the support and implementation of new functionalities for the Midis App Salud app in its ios and Android versions.
<https://www.midisappsalud.com/>
- Mobile application for CHEC face-to-face points to capture a digital survey for sentiment analysis.
- Support in mobile application aimed at institutional self-evaluation for the University of Manizales.
- Support in information management platform for CIAD (Infociad)
<https://infociad.herokuapp.com/>
- Support in the quality management system of the University of Manizales
<http://umanizales.herokuapp.com/>
- Creation of administrative web platform and bee app (virtual wallet of Peru)
<https://mibee.pe/>
- Creation of administrative platform and krazis app to qualify Chilean politicians
<https://play.google.com/store/apps/details?id=com.kraxis.ch&hl=es-419&ah=GGoYBIG7UMxHnxtxMddNi9dA3Mc>
- Support in the service culture web platform for the University of Manizales
- Support in the Voice of the customer platform, CHEC - Datalab agreement
- Support in the InfoFactura platform, CHEC - Datalab agreement
- Support in PQR platform, CHEC agreement - Datalab



PERSONAL REFERENCES

| | |
|---|-----------------|
| Jorge Hernán Franco Universidad de Manizales Coordinator of practices Faculty of Sciences and Engineering | +57 3128439118 |
| Esteban Correa Agudelo Center for Bioinformatics and Computational Biology of Colombia BIOS Coordinator of the bioengineering area | +57 3044715714 |
| Juan Camilo Cardona University of Manizales General Manager of Datalab - University of Manizales | +57 314 7547293 |
| Diego Eduardo Vélez Coritel (Madrid, España) Systems and Telecommunications Engineer | +34 649666601 |