

# JESUS ALEJANDRO VEGA CARVAJAL

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## PERSONAL PROFILE

WEB DEVELOPER, ANDROID and IOS AND  
DESKTOP APPLICATIONS

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## PROFILE

I am a skillfull and versatile software developer with capabilities to adapt to different technologies and at the same time deliver high quality products with an appropriate software architecture, I am specialized in full stack development, including web, native mobile apps and backend services with robust experience in AI integrations using NLP systems.

## ACADEMIC HISTORY

### University internacional de la rioja

Masters degree in Artificial intelligence. 2021 - present ( Spain )

### Nacional University

Dapps application and blockchain. 2018 (Colombia)

### Konrad Lorenz University

Systems engineering. 2012 - 2017 ( Colombia )

## WORK EXPERIENCE

### The raw office (Sub contracted by Michael Page colombia)

December 2023 - Today: Full Stack Developer and data scientist

As a Full Stack Developer at Raw Office, I am responsible to manage, support and improve all the different systems available in the company, using for that purpose mainly php, js and python for data analysis and AI solutions

Notable achievements:

- Creation of semantic search system, recommendation system and AI functions that automates company processes.

For more information about SweatWorks, please visit their website: <https://rawoffice.com/>

you can check additional job experience in  
my linkedin

<https://www.linkedin.com/in/jesus-alejandro-vega-carvajal-a61755106/>

## **Encora**

June 2023 - December 2023: Mobile Developer

My main task as a mobile developer in encora it's to create, test and deploy react native apps , following good practices and correct typing using typescript code.

## **SweatWorks**

June 2021 - Abril 2023: Full Stack Developer at SweatWorks

As a Full Stack Developer at SweatWorks, I was responsible for developing web projects using React JS and NestJS with TypeScript and graphql, as well as mobile development using React Native, Swift, and Cordova. Additionally, I contributed to different data science projects using Python and the Anaconda stack.

Notable achievements:

- Collaborated on the development of a new platform for sports federations and medical record management.
- Played a key role in the development of the Nix biosensors app (<https://nixbiosensors.com>), responsible for integrating the neural network with the web stack.
- Conducted research and provided support on motion tracking software for an artificial intelligence that could gauge and provide feedback on users' workout results.
- Contributed to the development of artificial vision apps for native iOS and Android platforms using Swift and Java.

For more information about SweatWorks, please visit their website: <https://www.sweatworks.com/>

## TSO-Mobile Company

September 2020 - June 2021: Full Stack Developer at TSO-Mobile Company

As a Full Stack Developer at TSO-Mobile Company, my primary responsibility was to develop web and mobile projects using the React stack ( React js and React native ) with some implementations in backend using aws lambdas with typescript and graphql

Notable Achievements:

1. Led the development of the native vehicle tracking app for Android and iOS platforms as the main developer. The app can be found on the Google Play Store at:  
[https://play.google.com/store/apps/details?id=com.fleetmanagemobile&hl=es\\_CO&gl=US](https://play.google.com/store/apps/details?id=com.fleetmanagemobile&hl=es_CO&gl=US).
2. Developed a custom data table plugin from scratch using Vanilla JavaScript.
3. Designed and built various React JS components according to the product owner's specifications.
4. Created GraphQL endpoints with TypeScript, enabling efficient data retrieval and manipulation.

## APES COMPANY

August 2019 - August 2020: Developer at Apes Company

As a developer at Apes Company, I was responsible for developing web and mobile applications using a variety of technologies, including Blockchain development for logistics platforms with smart contracts.

Notable Achievements:

1. Development of a mobile app using Xamarin, which is based on C#.
2. Led the development and deployment of a back-end connected to Ethereum with smart contracts and Python, with a front-end on Angular using JavaScript.
3. Developed and deployed a back-end in Hyperledger Composer and Fabric with Node.js and Angular.
4. Contributed to the development of a dropshipping platform using Django and Flask.
5. Contributed to the web development of an airport VIP room management system using Vue.js with a Java Spring back-end.
6. Developed a logistics app using Kotlin.
7. Developed applications using AWS tools such as Dynamo, Flask, Gateway, Cognito, and SQS using Node.js and Python.
8. Contributed to the development of a platform that connects to Shopify using Python.

For more information about Apes Company, please visit their website: <https://www.technoapes.co/>

you can check additional job experience in my linkedin

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## AOA

June 2017 - June 2019: Full Stack Developer at AOA

As a Full Stack Developer at AOA y have to planning, creating and deploying multiple supported and aligned by the stakeholders criteria, this system were mostly based in vanilla PHP but they allowed me to introduce new techs in order to innovate and improve the company solutions. Most of the projects were web apps or smaller web modules but i also have the opportunity to work in cross platform techs for mobile development.

Notable Achievements:

1. Replace words a pdf documents with an html system which keep the formats and information store in a bd, this system was done with vanilla php and jquery and angular js.
2. Creation of a mobile app and a vanilla Node backend , the app was done with nativescript with angular ts (back then nativescript was an alternative to react native)
3. Creation of a wordpress plugin to migrate info from a wordpress meta db to a normal db as way to handle and control the information easier for a management system.

You can checkout the company website here:

<https://www.aoacolombia.com/>

## SIG INTERNAL GROUP

January 2017 - June 2018: full stack developer

As a developer at SIG i got my first formal development experience, they gave me the opportunity to create a system based in Laravel (a php framework).

Notable Achievements:

1. Plan , create and deploy a system which creates and generates information for make legal checking in the companies to certify iso and incontec certifications
2. Improve and finish a management system to control workers labors and time, including calendar and file storage.

You can checkout the website here: <https://grupo-sig.com/>

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## IMPORTANT FREELANCER EXPERIENCE

### Freelancer Developer in plus target

1. Create integrations with wordpress sites and prestashop sites using wordpress plugins and external backends with it's respective systems in order to improve and make easier the creation of multiple products for the stores, this was done creating system with backend in python and front ends in angular.
2. Creation of a cordova app with react js that has offline capabilities with the purpose of storage multiple images in the phone and different forms that has to synchronize with a backend in laravel.
3. Creation of a system that manage a scrapping system which allows to audit and modify products in a middleware app, this system was done using golang and angular.

### Personal undertakes

1. Creation of a veterinary system with backend in golang and front end in react, the main purpose of this app was to support and help any veterian to store pets information and schedule surgeries as products meds.
2. Creation of a psychologic system that use chat gpt to improve the flow from patient to doctor based in doctor features and recognizing patient needs, this system is done in Django and react js with a mobile app in kotlin.

go api: <https://github.com/sumaikun/go-rest-api>

veterinary frontend: <https://github.com/sumaikun/veterinaryApp>

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