

JOSE ALEJANDRO MORENO

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Medellin, Colombia

I am a team leader in advanced technologies with expertise in managing specialized teams for Backend, Frontend, and Mobile projects using frameworks such as AngularJS, VueJS, React, and NodeJS, along with Python technologies like Tornado and FastAPI. I have successfully led the development of financial applications utilizing AES encryption, implemented APIs with NodeJS/FastAPI/Tornado, and managed AWS server operations to enhance performance through advanced caching and various database solutions like ElastiCache and DynamoDB. Additionally, I have contributed to projects like ExpressJS and Socket.IO and overseen the development of popular Python libraries on PyPI, demonstrating my commitment to innovation and sustainable growth through complex software architecture.

EXPERIENCE

SENIOR FRONT-END DEVELOPER, ZEMOGA INC 2020 – CURRENT

As a Tech Leader and Architect, I have led multidisciplinary teams in developing innovative solutions utilizing AWS, JavaScript, Python, and Artificial Intelligence. Through my efforts, I have improved application performance, reduced costs, and fostered collaboration, thereby enhancing the company's market position.

- IA System (Fintech) – Vue · NodeJS · REST API · Docker · Nginx · Webpack · Python · Transformers · Audio · Realtime Sockets · SCSS · HTML5 · CSS3 · Kubernetes · PostgreSQL
- JupyterLab (Fintech) – Vue · NodeJS · REST API · Docker · Microservices · Webpack · Python · Tornado · SCSS · HTML5 · CSS3 · Kubernetes · Module Federation
- Code refactors (Fintech) – React · Vue · NodeJS · REST API · Docker · Nginx · Webpack · Cordova · Audio · SCSS · HTML5 · CSS3 · jQuery · PWA · Kubernetes · Terraform · MariaDB
- Reporter (Internal) – Microservices · AWS Events · NodeJS · Lambdas · AWS DynamoDB · Serverless · Cron · Webpack · Serverless
- Kudos (Internal) – Smart Contracts · Solidity · NodeJS · Web3 · Vue · WebAssembly · Webpack

WEB/MOBILE DEVELOPER, SIMIAN S.A.S

2017 - 2020

As a leader in software development, I have spearheaded initiatives for mobile and web deployment, focusing on Progressive Web Apps (PWA) and user-friendly technologies. My objective is to create innovative digital experiences that resonate with a diverse audience, utilizing advanced methodologies to deliver software that integrates seamlessly with contemporary platforms and enhances user engagement.

- Externado University - Web · PWA - Angular 9 · WordPress · MySQL · NodeJS · AWS RDS · REST API · Pattern Lab · Varnish · PuppeteerJs · Docker · Refactoring de Código · ReactJS · AWS RDS
- Canal Uno Television channel - React · WordPress · PWA · NodeJS · REST API · XML · Feed RSS · Media Query · IU/UX · Apache2 rules to ExpressJs · AES · Cordova Plugin

WEB DEVELOPER, FESTA S.A.S

2016 – 2017

As a development leader, I directed the transformation of the festa.co application to enhance productivity and optimize performance by reducing processing time and eliminating unnecessary libraries through a comprehensive code overhaul. Additionally, I designed and implemented a custom dashboard for advertising agencies, offering an intuitive interface that significantly improved user experience and streamlined campaign management.

- Create dashboard for advertising agencies - Web - React · Vue · PHP · MongoDB · Firebase · Heroku
- Refactoring code of App - (Music Streaming App) Mobile · Web · iOS · Android - Ionic1 · NodeJS · REST API · Angular1 · Swift · Java · Firebase · Cordova · Audio · Realtime Sockets · SCSS · HTML5 · CSS3 · jQuery · PWA

MOBILE DEVELOPER, UN MUNDO FELIZ INC.

2014 - 2015

As a mobile app developer, I managed development cycles based on various project factors, including launch dates, client interests, and the incorporation of new technologies, with updates occurring every 3 to 4 months.

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- Noche de Galerias - (Cultural Calendar App) Mobile · iOS · Android · Titanium · NodeJs · REST API · Swift · Java · Firebase · IU/UX · API Google Calendar · NativeScript · Google Maps
- Sopita de letras - (Game) Mobile · iOS · Android · React Native · NodeJs · Swift · Java · Firebase · React JS · SVG · Algorithms for vector matrices · IU/UX

NODEJS DEVELOPER, CACHE WATCH INC.

2014 - 2015

As a Back-end Developer at a real-time dynamic cache storage company, I contributed to developing micro-services to enhance system efficiency, including a database cleaning schedule, a BTC payment capture system, and using PhantomJS for web snapshots, thus optimizing backend architecture and performance.

- Cleaner Cron data base - Server · Ubuntu · MongoDB · NodeJS · REST API · Cron · Socket · ExpressJs · MongooseJS · Mongoose types · OpenShift · Redis
- BTC Payment capture system - Server · Ubuntu · MongoDB · NodeJS · REST API · Cron · Firebase · Socket · ExpressJs · Blockchain.Info · Heroku · Coinbase API · OpenShift
- Web - Angular1 · NodeJS · REST API · ExpressJs · QR Codes · IU/UX · Heroku · jQuery · Firebase

FULL-STACK DEVELOPER, GALEPH INC.

2012 - 2014

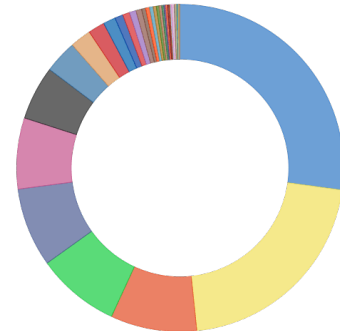
As a Back-end Developer at a cultural content company focused on image, video, and audio marketing, I developed crucial backend components, including rendering feeds in Jade and managing static files with Nginx. I also implemented API services using WebSocketIO and transformed media assets to improve platform performance.

- Backend - MongoDB · NodeJS · REST API · Socket IO · ExpressJs · WebSocket · Ubuntu · Linux · Gandi · Nginx · MongooseJs · vHost for Expressjs · Heroku
- Frontend – Angular (1.2) · NodeJS · REST API · ExpressJs · QR Codes · Static Files · Jade/Pug (RSS/XML/HTML) · Socket IO · REST API · Heroku · OpenShift

PROGRAMAN LENGUAJES

Languages over All Time (Powered by wakatime.com)

TypeScript (27.16%)
JavaScript (21.21%)
HTML (8.54%)
Vue.js (8.23%)
PHP (7.81%)
SCSS (7.02%)
JSON (5.34%)
Python (3.26%)
Other (2.08%)
YAML (1.64%)
XML (1.22%)
Markdown (0.82%)
Vue (0.69%)
Docker (0.65%)
Bash (0.57%)
Mustache (0.40%)
Svelte (0.39%)
Groovy (0.36%)
Java (0.31%)
Makefile (0.27%)
Solidity (0.26%)
CSV (0.22%)
CSS (0.17%)
Git Config (0.17%)
Ruby (0.16%)
Tmux (0.15%)



EDUCACION

Universidad Jorge Tadeo Lozano; Bogota, Colombia

FINE ARTS., 2006 - 2013

Universidad San Buenaventura; Bogota, Colombia

MECHATRONICS ENGINEERING, 2004 - 2006

REFERENCES

Luis Alberto Chávez, Mechatronics Engineer

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