

Jean Victor Rada

FullStack Developer

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FullStack Developer with +5 years of experience developing web and mobile applications with **JavaScript, Typescript, React, Flutter, Node, Python, and Java**. I have experience participating in the entire application development cycle, ensuring the quality of the system. I also have solid experience in managing and monitoring cloud servers with **Amazon Web Services** and putting Machine Learning models into production. I consider myself a self-taught person, open to learning and try new technologies.

EXPERIENCE

Medical Specialization and Update Center (CEAM)

Backend Engineer | NLP/AI Integration — Jan, 2024 - Present

- I was actively participating in the development and design of the system, guaranteeing the commercial objectives that the company prioritized for product quality.
- Responsible and in charge of the development of the system for integrating the company's exclusive data into LLM systems, achieving optimal levels of precision for marketing.
- Optimization and projection of costs associated with the different resources necessary for the system, achieving a moderate budget for the company and guaranteeing the correct functioning of the system under high demand.

Tech Stack: Python, Embeddings, LLM, Vector Databases, Qdrant, Graph Vector Databases, Fine tuning, AWS, Pandas, Retrieval Augmented Generation (RAG), Langchain, Threats Programming, GenAI

Solutions Architect — Apr, 2024 - Present

- Main person in charge of the design and development of the cloud infrastructure, meeting the technical objectives of: Cost optimization and high availability.
- Automation of the deployment process of the systems developed by the team.

Tech Stack: Amazon Web Services, Docker, Docker Compose, Linux

Mobile Developer — Aug, 2023 - Dec, 2023

- Responsible for the management and development of the CEAM Flashcards mobile application, achieving the quality standards of design and user experience provided by the marketing team.
- The performance standards imposed by the Apple Store for the distribution of the application were met.
- Development focused on problem solving and commercial approach, meeting delivery time.

Tech Stack: React Native, Redux, Reanimated, Redux Toolkit, Apple Developer Account

Fapro SpA

FrontEnd Engineer — Feb, 2022 - Aug, 2023

- Achieve migration of the platform in record time, obtaining good commercial reviews from customers regarding the UI/UX design of the new platform.
- A new platform for additional services was developed in record time, aligning the UI/UX design with the strategies of the marketing and branding teams.
- Improve the user experience by improving the platform's performance in terms of loading time, usability and design.

Tech Stack: ReactJS, Redux, Redux Toolkit, HTML&CSS, Tailwind, Material UI

My Apps SRL

Mobile Application Developer — Aug, 2022 - Aug, 2023

- I actively contributed in the design process, development of new products and new functionalities, as well as in the continuous improvement of existing applications, satisfying the specific needs of the clients and achieving outstanding results.
- I guaranteed the resolution of compatibility problems, always ensuring the delivery of high quality and usability products.

Tech Stack: Flutter, React Native, SwiftUI, Swift, Dart, Flame, Bloc, Redux

Architect of solutions — Aug, 2022 - Aug, 2023

- Automation of 75% of operations through the successful migration of traditional servers to hybrid servers.
- 50% cost reduction through the design, implementation and automation of the software architecture.
- I was responsible for the continuous monitoring of the infrastructure and the optimization of resources, which resulted in a significant improvement in efficiency and a considerable reduction in operating expenses.

Tech Stack: Amazon Web Services, Red Hat JBoss Enterprise Application Platform

Full Stack Engineer — Aug, 2022 - Dec 2022

- We were able to finish the project of a social network for entrepreneurs in less time than the established time and deliver it to the client satisfactorily.

Clinitify

Architect of solutions | Consultoría — Jul, 2022 - Jul 2023

- I optimized the company's costs by 20% by advising on the proper use of AWS services and the implementation of cloud solutions.

Tech Stack: Amazon Web Services.

FullStack Engineer — *Jun, 2021 - dec, 2021*

- I actively participated in the design and development of the entire development cycle of the system, managing to develop a product aligned with the marketing strategy; business model; design and user experience.

Tech Stack: Material UI, Bootstrap, ReactJS, Node, Express, Typescript, RabbitMQ, Socket IO, microservices

Architect of solutions — *Jun, 2021 - dec, 2021*

- Reduced costs by 75% through the design and implementation of the system's software architecture.

Tech Stack: Amazon Web Services, Docker, Docker Compose, Nginx

PROJECTS

FrontEnd Developer, Cloud Developer Freelance (Moyo AI) – www.moyoai.com - 2021

- I migrated and redesigned an application developed in Javascript to ReactJS. At the same time, I was responsible for bringing Machine Learning services to a serverless environment using Amazon Web Services reducing the maintenance workload by up to 80%.

Tech Stack: Javascript, ReactJS, FastAPI, Api Gateway (AWS), Lambda (AWS).

SKILLS

Programming Languages: Advanced: Javascript, Python; Intermediate: Java, PHP; Basic: C#, C++.

Frameworks Tools: Advanced: Typescript, ReactJS, React Native, NextJS, Node, Express, NestJS, Flask, FastAPI; Intermediate: Spring Boot, Laravel; Basic: .NET, Vue, NuxtJS.

Data Base: Advanced: PostgreSQL, MongoDB, MySQL; Intermediate: DynamoDB, DocumentDB; Basic: MariaDB.

Tools: *Git, GraphQL, Slack, Trello, Open Project, Jira, Amazon Web Services, Swagger, Postman, Figma, Discord, Calendly.*

Agile: Scrum, Kanban.

Languages: Intermediate: English; Native: Spanish.

EDUCATION

Public University of El Alto – *La Paz, Bolivia. Bachelor's Degree in Systems Engineering, January 2019 to december 2022.*