

CAMILO GALVIS

Full Stack & Mobile Developer

EDUCATION

Systems Engineering

Universidad EAFIT
2017 – Present

Anthropology

U. de Antioquia
2020 – 2023

EXPERIENCE

Desarrollador Mobile & Full Stack

Sancrisoft

Oct 2023 – Feb2024

- Reconstructed the architecture and core of a mobile app for volunteers, employing **React Native CLI** (version 0.59 to 0.71) and advancing from **Redux Sagas**, focusing on state management and side effect handling to streamline user interactions
- Enhanced the visualization of a web platform for flight simulation using **React** and **Redux Toolkit**, optimizing state management to improve the responsiveness and interactive capabilities of the user interface.
- Improved functionalities related to a flight simulation platform using **Node.js**, **Fastify** for efficient backend services, and **SQL** for robust database operations, ensuring high performance and reliability in data handling and service response times.

Cofounder & Mobile – Full Stack Developer

Design Systems Inno

Dec 2021 – Sep 2023

- Lead frontend development and design of a mobile app for the insurance and transportation sector, using **React Native CLI** with **TypeScript**, and managed state with the **Context API**, ensuring scalable and maintainable code architecture.
- Project leader in the development and design of an industrial company's inventory dashboard, engineered with **React** and **Redux Sagas** for efficient state management. Backend developed in **Python** with **FastAPI** and data storage with **MongoDB**.
- Directed project development and design of a mobile application for school transportation tracking using **React Native CLI**, **Context API**, and **MQTT** for real-time messaging. Implemented a **Node** backend with **Express**, and utilized **MongoDB** for data management, ensuring reliable and efficient data synchronization
- Lead frontend development and design of a mobile application for the construction sector with facial recognition AI in **React Native CLI** and **Context API**. Supporting backend team with **Python** using **FastAPI**, integrated **AWS Rekognition** for image analysis, and **MySQL** for database management, delivering a cutting-edge, secure user verification system



CONTACT

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- Led the frontend development and design of a web application for a development company, employing **React** with **Next.js** to create scalable, high-performance web solutions with server-side rendering for enhanced user experiences.
- Led the frontend development and design of a web page for a real estate company, crafted with **React** and **Next.js**, optimizing server-side rendering and enhancing SEO and performance for a fast, user-friendly experience
- Managed design processes, **UI/UX**, **branding**, and corporate **brand positioning**, leading creative strategies to enhance brand visibility and market impact through thoughtful design and user experience improvements. Using **Figma** as a tool.

Full Stack & Mobile Developer

Brain Labs S.A.S

Jan 2021 – Nov 2021

- Lead frontend development and engineering a web platform and mobile app focused on **IoT** for the agricultural sector. Using **React** and **React Native CLI** with **Redux** for state management, and supporting backend team with **Node.js** and **Express** to facilitate real-time, efficient data processing and device communication.



EXTRACURRICULAR

- Engineered a backend system for resource simulation for a ride-sharing company, akin to UBER. Developed a **GraphQL API** on **Node.js** with **NestJS** and **PostgreSQL**. Created **microservices** for Data Analysis in **Python**, with deployment on **AWS Lambda**, ensuring scalable and efficient cloud service architecture. – Sep 2023
- Led and developed the HiWay Ecosystem, deployment three mobile applications (for users, drivers, and administrators) for real-time public transport tracking, utilizing **React Native CLI** with **Context API**. Implemented **advanced algorithms** with geohashing, hashmap, and **MQTT** for location tracking. Developed a web dashboard in **React** with **Redux Toolkit**. Backend constructed with **Node.js**, **Express**, and **MongoDB**. Currently enhancing **data analytics** for **Machine Learning** models. Also created the project's website (omitted for privacy) in **React**. (<https://hiwayapp.io>). – Nov 2020
- Developed a web page for a software development company in **React**, focusing on a modern, interactive design that aligns with the firm's branding and client engagement strategies. (<https://arcdesign.io>) – Sep 2023



SKILLS

- React (3+ yrs)
- AWS (6 mos)
- SQL-MySQL(1+ yr)
- Node (3+ yrs)
- GraphQL (6 mos)
- React Native (3+ yrs)
- Python (1 yr)
- MongoDB (3 yrs)
- UX/UI (3+ yrs)