

Camilo Galvis Montoya

FULLSTACK DEVELOPER · MOBILE DEVELOPER (REACT NATIVE)

Medellín, Colombia

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Skills

Technical	React (3+ yrs), React Native (3+ yrs), NodeJS (3+ yrs), JavaScript (4+ yrs), Typescript (3+ yrs), Python (1+ yrs), Docker (1+ yrs), AWS (2+ yrs), GraphQL (6 mos), Redux (3+ yrs), MongoDB (3+ yrs), SQL/MySQL (1+ yrs), UX/UI (3+ yrs)
Languages	Spanish, English
Development Practices	Agile Development, CI/CD, Responsive Design, Code Quality Maintenance, MVC, Architectural Design, Jira

Experience

Sancrisoft

Medellín

FULL-STACK DEVELOPER AND MOBILE DEVELOPER

Oct 2023 - Feb 2024

- 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.

Design Systems Inno

Medellín

CO-FOUNDER AND MOBILE-WEB DEVELOPER

Dec 2021 - Sep 2023

- Championed advanced frontend technologies such as React, React Native, and Figma, ensuring state-of-the-art web and mobile interfaces.
- Engaged closely with backend teams, UI/UX designers, and stakeholders to create integrated solutions tailored to user needs.
- Prioritized user-centered designs, guaranteeing intuitive, accessible, and responsive digital experiences for a diverse user base.

Brain Labs S.A.S

Medellín

FRONTEND DEVELOPER

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.js** to facilitate real-time, efficient data processing and device communication.
- Collaborated closely with backend and **IoT** teams, contributing to AI-driven solutions that enhanced the platform's capabilities and real-time data processing.

Extracurricular Activities

ArcDesign

Medellín

MOBILE APP DEVELOPER

Jul 2023 - Present

- Engineered a backend system for resource simulation for a ridesharing 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.
- 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.js**, and **MongoDB**. Currently enhancing data analytics for **Machine Learning** models. Also created the project's website (omitted for privacy) in **React**. (<https://hiwayapp.io>)
- 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>)

Education

Universidad de Antioquia

Medellín, Colombia

ANTHROPOLOGY

Jan. 2021 - Dec. 2023

- Interpretation of social and cultural environments | Comprehensive perspective under biological, sociocultural and symbolic aspects.

EAFIT University

Medellín, Colombia

B.S. IN COMPUTER SCIENCE AND ENGINEERING

Jan. 2017 - Jun. 2025

- Software Development.