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)
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 FULL-STACK DEVELOPER (MOBILE FOCUS) — *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**.
- Led the design and development of a school transport tracking app with **React Native CLI**, Context API, and **MQTT** for live updates, backed by a **Node** and **Express.js** server with **MongoDB** for data handling.
- 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.
- 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 serverside rendering and enhancing **SEO** and performance for a fast, userfriendly experience.
- Oversaw **UI/UX** and branding initiatives, leveraging **Figma** to strengthen brand presence and improve user engagement.

Brain Labs S.A.S
Medellín

FULL-STACK DEVELOPER AND MOBILE 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.

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
- Steered HiWay Ecosystem's creation, launching three apps for real-time transit monitoring using **React Native CLI**, Context API, and **MQTT**. Engineered geolocation features and a **React** web dashboard with **Redux Toolkit**. Backend developed with **Node.js**, **Express.js**, and **MongoDB**. Advanced **Machine Learning** analytics integration underway. Also built the project's **React**-based website. (https://hiwayapp.io)
- Developed a web page for a software development company in **React**, focusing on a modern and interactive design. (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.