

Juan Felipe Aranguren

Software Developer and Business Manager

Self-motivated professional specialized in devising, developing and scaling technology-based products and companies. Always thinking about positive impact at a human level.

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EDUCATION

Full Stack Web Development Acámica

11/2019 - 11/2020

Projects:

- Fully responsive web site | HTML5 & CSS3.
- GIF creator and search engine | HTML5 & CSS3, JS & API calls, WebRTC library.
- RESTful API for a food delivery system | JS, Node, MySQL, JWT, Bcrypt.

Business Management/Computer Science Universidad de la Sabana

01/2014 - 09/2019

Endeavors:

- Startup Weekend.
- BlueHack Sabana.
- BlueHack against Human Trafficking.
- dataJAM Civic Tech.
- Graduate Project: Usage of decentralized technologies applied to the Colombian governance.

PROFESSIONAL EXPERIENCE

Founding Fellow Climatebase

02/2022 - Present

Remote

The Fellowship is a community of top international talent learning about climate science, optimism, economics and climate startups.

Achievements/Tasks

- Working on 2 capstone projects: Fostering collective regional climate actions through a gamified mobile app. A framework for building resiliency and hope in the face of the climate crisis.
- Learning Targets: Climate Economics, Energy and Transportation, Engineered Carbon Removal, Nature Based Solutions, Food & Ag, Circular Economy, Cities & Built Environment.

Software Engineer Globant

08/2021 - Present

Remote

Backend Software Engineer.

Achievements/Tasks

- Build and maintain microservices using Node.js, Nest, Typescript and MongoDB.
- Build Lambda functions using AWS technologies, Typescript.
- Improve front end applications built on React, Redis and Next.js.

ABILITIES

Javascript

Typescript

Node.js

Express.js

Serverless

MongoDB

Microservices

React

SQL

Swagger

Jest

Figma

Solidity

Hardhat

Git

Creative Strategy

Systems Thinking

Writing

Entrepreneurship

PERSONAL PROJECTS

Global Array (01/2022 - Present)

- Global Array is a serverless API for (JSON) data storage. It is built for experimental, proof of concept, academic or hackathon-related projects as a reliable and configuration-free storage solution.
- Currently in talks with a 11.000+ student university for piloting the API in the 2022's student Hackathon.

Drupp (02/2016 - 08/2016)

- Born out of a Startup Weekend, Drupp was a startup that digitized the process of behavioral evaluation for employees in large industrial companies. Received US\$5.000 in angel investment as pre-seed funding from mentors to scale the platform for a pilot. Which was achieved with large paper manufacturer in the LATAM region.

VOLUNTEER EXPERIENCE

Democracy Earth (12/2017 - 03/2019)

Technical writer. Designer of visual assets for the Democracy Academy. Researcher on decentralized technologies for Colombian governance.

Hult Prize at Unisabana (Team Leader)

(09/2018 - 11/2018)

Leader of the training team, supporting the teams of students competing with their solutions to the following challenge: Create 10,000 jobs for 2025.

LANGUAGES

Spanish



English



INTERESTS

Climate Tech

Business Strategy

Microcontrollers

Web3

Team Building

Impact Investing

Science

Humanities

Ethical Design

PROFESSIONAL EXPERIENCE

Integrations/Backend Engineer

Instaleap

04/2021 - 08/2021

Bogotá, Colombia

Instaleap is a global company focused on developing the best last-mile delivery technology in the world.

Achievements/Tasks

- Co-created a cloud-based Node.js integrations system that scaled to +20k orders/month in 4 months. Part of the Integrations Microservice.
- Product Owner of the aforementioned system.
- Integrated 7 international retailers with Instaleap's e-grocery logistics technologies (Mobile and Web platforms via RESTful API's).
- Stack: Typescript | Node | Express | PostgresDB.

Junior Integrations Developer

Instaleap

06/2020 - 04/2021

Bogotá, Colombia

Instaleap is a global company focused on developing the best last-mile delivery technology in the world.

Tasks

- Design, expand and maintain Instaleap's integration microservice.
- Expanded an internal application using React and the Ant Design library.

Project Analyst


Movilizatorio

07/2019 - 12/2019

Bogotá, Colombia

Engagement and social innovation lab for Colombia and Latin America

Achievements:

- Coordinated the development of an experimental and fun web app that measured bullying levels in over 1200 kids and teenagers in Colombia. 
- Created functional and technical requirements for a Messenger Bot, whose function was to collect information about citizen proposals. (civic tech)
- Mentored two tech projects in their business models and their pitch decks, which were later presented at the Latin Ventures Summit 2019, Cartagena.

Project Management Intern

Movilizatorio

02/2019 - 07/2019

Bogotá, Colombia

Achievements:

- Created various workshops about strategy, innovation and business building frameworks.
- Acted as a middlemen between the entrepreneurs and a team of software developers, hired to design and code MVP's of their ideas.
- Developed strategies aimed ensuring financial stability for 3 of the 5 participating projects.