

Engineer, Storyteller, Strategist — Juan is a purpose-driven Software Engineer, Writer and Business Manager. A Systems Thinker in training with a profound calling towards reconciling the ancestral with the modern. Taking inspiration from multiple fronts and disciplines while diving for clues, patterns and threads in wide arrays of disciplines and cultures.

Work Experience

The Bio-Leadership Project

Bio-Leadership Fellow Feb 2025 - Current

The Bio-Leadership Fellowship is a global movement of people and projects **working towards better forms of human progress by working with nature**. I'm part of a cohort of 50 fellows working on healing, nurturing and weaving different ways of being. Being human as part of one larger network of life.

Kindo

Founder May 2024 - Current

Kindo is an experiment on community & regeneration, a catalyst built (with love) around hope. We share curated summaries of uplifting, inspiring stories to a Spanish-speaking audience. All around showcasing positive resistance, communion with nature and regenerative innovations.

Themes: Donut Economics, Bio-economies, Animism, Eco-literature, Collective Resilience, Policy & Strategy.

- More than 1500 people reached across Colombia & México.
 - IRL & remote workshops (More than 10 combined)
 - Fostered 3 IRL events in partnership with 2 Colombian, established non-profits.

Vammo

Software Engineer & Carbon Accounting Sep 2023 - Current

Vammo is removing the barriers to the adoption of electric motorcycles in Latin America via a **battery swapping ecosystem**.

I'm heads on scoping, architecting and building a very scalable backend from scratch. Skills: Nest.js, Monoliths & Microservices, Postgres, Clickhouse, Redis, Kafka, MQTT.

- Leading company-wide efforts to account for GHG emissions in all 3 scopes.
- Co-built Vammo's core swap logic, built the first data pipeline for battery-cabinet analysis
- Co-leading software-hardware integrations, payments & whatsapp integrations (auth project).

Globant

Software Engineer Aug 2021 - Sep 2022

- 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 and Next.js, graphQL.

(Left this job to work full-time on helping mitigate this human-generated climate crisis)

Instaleap

Software Engineer (Integrations) Jun 2020 – Apr 2021

- Integrated 7 international retailers with Instaleap's e-grocery logistics technologies (Mobile and Web platforms via RESTful API's).
- Co-created an integrations system that scaled to +20k orders/month in 4 months.
 - Acted as the system's Product Owner for close to 1 year.

Movilizatorio

Project Analyst Jan 2019 – Dec 2019

Social innovation & citizen engagement laboratory for Latin America and the Global South.

- Co-created the "Toolkit for Change Makers" a visual collective of information, exercises, practical advice and humor for helping social ventures scale and achieve sustainability.
- Coordinated the development of a web app that helped measure bullying levels in middle and high schools of Colombia (+1000 students reached).
- Created functional and technical requirements for a Messenger Bot, whose function is to collect citizen proposals.
- Mentored three social initiatives in the creation of their pitches, later presented in the Latin Ventures Summit 2019, Cartagena.

Democracy Earth Foundation

Research & Design Dec 2017 – Mar 2019

Democracy Earth (YC W15) is a tech non-profit focused on creating platforms for decentralized and incorruptible online governance.

- Social media content management.
- Wrote two articles about Liquid Democracy and Democracy's future.
- Proposed a toolkit for designers which gradually evolved into a design system project.
- Created design assets (Via Figma) for the Democracy Academy.
- Worked on a paper about Blockchain and University elections in Colombia (University as a sandbox)

Education

Nox - School of Creative Writing

(Nature) Creative Writing May 2024 – Jun 2024

Learnt how to think, feel and then write about the subjective. The more-than-human world.

Universidad De La Sabana

B of Business Administration 2014 – 2019

Minor in Computer Science

(2016 – 2018)

Skills

Climate Tech & Sustainability Product Management Systems Thinking
Carbon Accounting Community Building Storytelling
Backend Engineering Systems Architecture