



## ABOUT ME:

-  Barranquilla, Colombia
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-  <https://github.com/lufebadeca>

## SOFT SKILLS

- Team work
- Critical Analysis
- Versatility
- Fast learning
- Leadership

## CODING KILLS

- |                  |                  |
|------------------|------------------|
| ●●●● Javascript  | ●●●● Node.js     |
| ●●●● React       | ●●●● Next.js     |
| ●●●● Git         | ●●●● Github      |
| ●●●● Bootstrap   | ●●●● Tailwind    |
| ●●●● SQL         | ●●●● MongoDB     |
| ●●●● Restful API | ●●●● Docker      |
| ●●●● Python      | ●●●● EMQX (MQTT) |
| ●●●● Supabase    | ●●●● Firebase    |

## SPOKEN LANGUAGES

- Spanish: native
- English: advanced (C1+)

# LUIS BALDOVINO

## MECHANICAL ENGINEER

### PERSONAL PROFILE

Web developer with a background in mechanical engineering, specialized in React and Next.js with TypeScript. Skilled in both relational and non-relational databases (MongoDB), with hands-on experience integrating Supabase and Firebase, and building backends using Express. Effective contributor in Agile teams following Scrum methodology. Creative, passionate about emerging tech trends. Currently learning AI implementations.

### WORK EXPERIENCE

#### Freelance Web Developer

Freelance | Dec 2024 - Currently

- Triasure: A mobile-first platform for collectors to organize, value, and showcase physical items using AI-powered tools and a social-driven experience.
- Nítido English: web-based English learning platform tailored for Spanish speakers, with focus on phonetics, mnemonic techniques and vocabulary acquisition following Pareto's rule.
- Mantix: web-based maintenance management and tracking solution in compliance with client's procedural specifications.
- Others: RossyShop, Magic AI chat, Quick whatsapp call, Loan/investment projection, Hangman game, Snake game.

#### Programming Teaching Assistant,

Fundación Código Abierto | May 2025 - Currently

- Provided one-on-one and group support to students on their programming projects.
- Mentoring, debugging, and occasionally leading classes to reinforce core concepts.

#### English-Spanish Interpreter

Interpretia | Dec 2024 - Currently

- Bilingual communicator with strong command of both languages, bridging communication gaps in dynamic settings.
- Interpreted across diverse real-world scenarios: banking, law enforcement, education, government services, insurance, retail, and postal matters.
- Specialized interpretation in medical/healthcare settings.

## ADDITIONAL EDUCATION

### Advanced React

Meta

### React Basics

Meta

### HTML and CSS in dept

Meta

### Version Control

Meta

### Programming with Javascript

Meta

### Introduction to Front-end development

Meta

### The Raspberry Pi Platform and Python Programming for the Raspberry Pi

Coursera

### Hardware development fundamentals with Arduino

Platzi

### Partner: PCAP - Programming Essentials in Python

Cisco Networking Academy

### Asynchronism with Javascript

Platzi

### Front-end development course

Platzi

### Write Professional Emails in English

Coursera

## WORK REFERENCES

📖 **Brenda Camacho**  
Shop drawing Team Lead - Axis Lighting Inc.  
(+1) 438 407 0751

📖 **María Sandoval**  
Workshop supervisor - Carl Baguhn Barranquilla  
(+57) 301 724 1347

## PERSONAL REFERENCES

📖 **Kevin López Serna**  
Project Management Specialist - Naviera Fluvial Colombiana  
(+57) 300 487 9337

📖 **Daniel Pájaro Viloria**  
Mechanical engineer - Prime Energy: Termoflores  
(+57) 300 305 9845

### Technical Drawer (independent contractor)

Axis lighting Inc. | Oct 2022 - Ago 2024

- Created 2D and 3D models and detailed technical drawings using Solidworks and AutoCAD, and multi-page layouts with Adobe InDesign for lighting projects.
- Prepared technical specification packages with electrical component calculations.
- Developed automation tools with Solidworks API VBA plugins

### Service engineer

Carl Baguhn Barranquilla | Jul 2021 - Sept 2022

- Performed preventive, corrective and predictive maintenance on marine engines and power generation plants
- Provided customer support through quotations, technical consultations, technical reports and otehrs

### Customer Service agent for Airbnb Support

Sutherland Global Services | Nov 20, 2020 - currently

- Assisted hosts and travelers in general product and account inquiries, billing, refunds, tax collection protocols, etc.
- Performed mediation, negotiations and settlements in host-guest disputes during, before or after accomodations.

## ACHIEVEMENTS AND CONTRIBUTIONS

### Barranqui-IA 2025 | AI hackaton

🏆 Selected as one of the top 5 projects out of 32 teams

## EDUCATIONAL BACKGROUND

### Universidad del Norte - Mision TIC 2022

Software development | 2021

- Basic programming in Python
- GUI software development in Java
- Introduction to web development with Flask+SQLite
- Introduction to MERN Full-stack (MongoDB, Express, React, Node.js)

### University of California, Irvine (Online)

Introduction to Programming the Internet of Things | 2020-2021

- Introduction to the Internet of Things and Embedded Systems
- The Arduino Platform and C Programming
- Interfacing with the Arduino
- The Raspberry Pi Platform and Python Programming for the Raspberry Pi
- Interfacing with the Raspberry Pi
- Programming for the Internet of Things Project

### Universidad del Atlantico

Mechanical Engineering | 2010 - 2015

- Degree project: development of an automated tool for calculation, CAD design and analisis of helical gears using VBA macros + Solidworks API.