




## ABOUT ME:

 Barranquilla, Colombia

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 /in/luis-fernando-baldovino-dc

 Driving license:  
A2, B2, C2

## SOFT SKILLS

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

## HARD SKILLS

- |                 |                      |
|-----------------|----------------------|
| ●●●● Javascript | ●●●● Python          |
| ●●●● React      | ●●●● VueJS           |
| ●●●● Bootstrap  | ●●●● API integration |
| ●●●● Git        | ●●●● Github          |
| ●●●● SQL        | ●●●● MongoDB         |
| ●●●● Docker     | ●●●● Node.js         |
| ●●●● Npm        | ●●●● EMQX (MQTT)     |
| ●●●● Arduino    | ●●●● Raspberry Pi    |

## SPOKEN LANGUAGES

- Spanish: native
- English: advanced

# LUIS BALDOVINO

## JR. WEB DEVELOPER - MERN

### PERSONAL PROFILE

Mechanical engineer competent in web development using MERN stack, enthusiastic about embedded systems and IoT technologies (Arduino, Raspberry Pi). Self-taught in web programming, microcontrollers applications and embedded systems. Effective contributor in Scrum environments as per Agile principles. Creative, enthusiastic of cutting-edge technology trends and self-taught.

### WORK EXPERIENCE

#### Technical Drawer (independent contractor)

Axis lighting Inc. | Oct 2022 - Ago 2024

- Created detailed technical drawings for lighting projects.
- Produced 2D and 3D models using Solidworks and AutoCAD.
- Designed multi-page layouts in Adobe InDesign.
- Prepared technical specification packages with electrical component calculations.
- Coordinated with customer service reps and engineers.
- Participated in continuous improvement initiatives.
- 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 (2T and 4T; Wartsilla, Mirrlees Blackstone, MAN).
- Generated service deliverables related to maintenance tasks, provided feedback and support to customers through quotations, technical consultations and others.
- Commissioning of specialized workshop machinery
- Design and development of workshop specialized tooling.

#### Customer Service agent for Airbnb Support

Sutherland Global Services | Nov 20, 2020 - currently

- Assisted hosts and travelers in general inquiries, billing and payment issues, refunds, product information, account status, tax collection protocols for their rentals, etc.
- Performed mediation, negotiations and settlements in host-guest disputes during, before or after rental transactions.
- Executed contingencies for users' unexpected situations: travel restrictions, extenuating circumstances and others.
- Thorough revision and application of Terms of Services, policies or eligibility criteria towards decision making.

## ADDITIONAL EDUCATION

**Introduction to the Internet of Things and Embedded Systems**

Coursera

**The Arduino Platform and C Programming**

Coursera

**Interfacing with the Arduino**

Coursera

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

Coursera

**Interfacing with the Raspberry Pi**

Coursera

**Programming for the Internet of Things Project**

Coursera

**Write Professional Emails in English**

Coursera

**Hardware development fundamentals with Arduino**

Platzi

**Programming in Python**

Cisco Academy

**Asynchronism with Javascript**

Platzi

**Front-end development course**

Platzi

**React.js course**

Platzi

## WORK REFERENCES

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

📖 **María Sandoval**  
Workshop supervisor - Carl Baguhn Barranquilla  
301 724 1347

## PERSONAL REFERENCES

📖 **Kevin López Serna**  
Ship repair supervisor - Naviera Fluvial Colombiana  
300 487 9337

📖 **Daniel Pájaro Vilorio**  
Mechanical engineer -  
Prime Energy: Termoflores  
300 305 9845

### Trainee engineer: Fleet technical advisor and CI engineer

Relianz Mining Solutions | Aug 2019 – Sept 2020

- Conducted day-to-day logistic, auditing and follow-up of maintenance tasks on Caterpillar trucks fleet.
- Continuous improvement duties such as tooling upgrade and usage management, performing reliability studies on critical system components and staff-focused training programs.
- Assisted and interpreted for Caterpillar's Product Performance Manager on monthly visits for quality standards compliance assessments and action plans execution.

### Substitute Technical Director

CDA Supercars EU | Nov 2017 - Apr 2018

- Coordinated vehicle inspection tasks through automated and visual checkups, as per Colombian NTC regulations.
- Verified and validated technical-mechanical inspections performed and presenting results to customers.
- Responsible for management and analysis of vehicle inspection data, statistics and records.

### Apprentice Mechanical Engineer

Naviera Fluvial Colombiana | Feb 2016 - Aug 2016

- Supported in recording and scheduling maintenance tasks of power and propelling machines: reductions, motors, power generation groups and other equipment via MP2 software.
- In-time condition monitoring on main engines by daily tracing of hour-meters and operation parameters data log.
- Support in first crew-focused training program, creating readable material, handbooks, tutorials and technical talks.

## 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
- Web development with MERN 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 analysis of helical gears using VBA macros + Solidworks API.