

# Luis Jose Espinoza Alvarado

Electronic Engineer | Full Stack Web Developer

+57 313 8807460

[ing.espinozalj@gmail.com](mailto:ing.espinozalj@gmail.com)

As a Technology Leader, I always set myself the goal of improving our quality of life by making use of technology. I found my passion at the age of 15 when they gave me (as a birthday present) a Pentium 4 PC and I started to read magazines, books, participate in software development events, I attend many courses related to the latest trends and thanks to that I am Professor in the Area of Computer Science and Electronic Engineer. I currently work as an independent developer. I have more than 10 years of experience developing cross-platform software both in backend and frontend, technical support in business environments (Windows / Linux) and technical support in computer networks. I focus on the latest technological trends for web development, agile methodologies and version control, as well as the effective management of technological teams

## EXPERIENCE

### Freelancer, Colombia — Full Stack Web Developer

MONTH OF FEBRUARY 2020 - PRESENT

- Integrate third-party services with the applications required by companies.
- Provide technical guidance and mentoring to junior developers.
- Development and maintenance of interfaces and full stack web applications.
- Develop integrations with external systems and APIs.
- Develop new features and improve existing ones.
- Provide version control systems to the developed systems.
- Ensure that the final product is of the highest quality.
- Full Stack application developments (Backend - Frontend)
- Monitoring and support to the implemented websites.
- Participate in code reviews to ensure compliance with best practices and standards.
- Improved the productivity of companies by more than 30% applying information systems with the latest technology standards.
- Participate in tech teams using agile methodologies

### Instituto Universitario de Tecnología Antonio José de Sucre Extensión Mérida, Mérida, Venezuela — Part-time College Professor

MONTH OF MAY 2019 - MONTH OF FEB 2020

- Instructed students in a classroom setting and provided individualized attention to students as needed.
- Participated in ongoing professional development to stay current with new teaching techniques and topics.

## ONLINE VERSION



[@luis-jose-espinoza-alvarado](https://www.linkedin.com/in/@luis-jose-espinoza-alvarado)



[alvaloper.github.io](https://alvaloper.github.io)

## SKILLS

Python, Java, PHP, Django  
REST Framework, Spring  
Boot, Laravel, Agile  
Methodology (Jira Software),  
Jwt, API-REST, Database,  
SQL, MongoDB, PostgreSQL,  
JavaScript, API-GraphQL,  
Node.js, Vue.js, Docker, Git,  
Heroku, Arduino, PIC, PLC,  
Network, Wordpress,  
Prestashop, Opencart  
Programmed Electronics,  
Wireless, Wired Networks,  
Hardware Maintenance,  
Customer Service

## LICENSES & CERTIFICATIONS

Soft skills for professional  
development - Platzi (April  
2023)

Javascript professional  
course - CF (April 2023)

Promise JavaScript -  
Bootcamp (April 2023)

Debugging, Profiling y  
Optimizaciones Javascript -

- Provided academic and career counseling to students.
- Participate as a member of the evaluation jury in final degree projects.
- Provided additional help and tutoring to students outside of regular class hours.
- Implement new teaching methodologies to provide engaging learning experience.
- Improve students' grades by 50% due to the practical activities carried out in class

## **Ultratech Venezuela FP, Mérida, Venezuela — IT Team Leader and Web Developer**

MONTH OF JANUARY 2014 - MONTH OF JANUARY 2020

- Design, development and administration of the company's website
- Design and development of the company's automated systems, improving productivity and inventory control of available equipment
- Evaluate and monitor corporate automated systems
- Development and maintenance of the internal network ensuring an excellent connection of equipment to the Internet
- Evaluate and develop Electronic projects
- Design, build, operate and manage third party systems and new electronic equipment

## **Freelancer, Mérida, Venezuela — Ecommerce Developer**

MONTH OF JUL 2008 - MONTH OF JAN 2014

- Development web applications (for third parties) focused on electronic commerce developed in PHP, Opencart, Prestashop for different independent companies in the productive sector of Colombia and Venezuela

## **EDUCATION**

### **Universidad Nacional de Colombia, Bogotá, Colombia — Web Developer (Full Stack Developer) Mintic 2022**

MONTH OF APRIL 2021 - MONTH OF DECEMBER 2021

**PROGRAM IN PROGRAMMING SKILLS WITH DEEPER DEVELOPMENT OF WEB APPLICATIONS. SKILLS:** - English - Coaching - Agile Methodology (Jira Software) - Python - Java - Jwt - Django REST Framework - API-REST - Database - Spring Boot - MongoDB - PostgreSQL - JavaScript - API-GraphQL - Node.js - Vue.js - Docker - Git - Heroku

### **Instituto Universitario Politécnico Santiago Mariño, Mérida, Venezuela — Electronic Engineer**

FROM 2014 - DECEMBER 2019

Title of the Special Degree Work: Electronic prototype with

## **Bootcamp (April 2023)**

### **App with React - Bootcamp (April 2023)**

### **Web API - Bootcamp (April 2023)**

### **Unit Testing - Bootcamp (April 2023)**

### **Artificial Intelligence with CHATGPT, DALL-E AND HUGGING FACE - Platzi (March 2023)**

### **Git and Github Professional Course - Platzi (March 2023)**

### **Introduction to Terminal and Command Line - Platzi (March - 2023)**

### **English Course For Developers - Platzi (NOV - 2022)**

### **La ERA de los DEVS - Platzi (NOV - 2022)**

### **Python Professional - Platzi (OCT - 2022)**

### **Python - Platzi (OCT - 2022)**

### **Digital marketing for entrepreneurs - YLAI - Young Leaders of the Americas Initiative - (SEP 2022)**

### **Participation in the 13th consecutive edition of the South School on Internet Governance (SSIG) (OCT 2021).**

microcontroller for temperature control and remote monitoring of ATX switching sources

Electives: - Computer organization - Networks - Introduction to telecommunications - PIC Microchip - Motor Control - PLC

**Universidad Pedagógica Experimental Libertador, Mérida, Venezuela — *Teacher. Computer Specialty***

FROM 2011 - 2014

Electives: - Reading comprehension - Local Culture and Folklore - Literature

Google Classroom -  
AULACIETE - (2017)

Google Edusites - AULACIETE  
(2017)

Tools for the management of  
Social Network - AULACIETE  
(2017)

Whatsapp Marketing -  
AULACIETE (2017)

## PROJECTS

**INTEGRAL DIGITAL CLAP OPS COLOMBIA — *Perinatal Information System (Completed)***

Perinatal control system for EPS/IPS located in Colombia, under the CLAP OPS international system.

Technology:

- Backend based on Django Framework and Spring Boot Framework, with PostgreSQL and MongoDB database
- Frontend based on Vue.js, Node.js, GraphQL, Apollo Server
- Tests and Deployments with Docker and Heroku App

**INFORMATIONAL WEBSITE — *SInteractive website to publicize the professional services of independent artists located in the USA (Completed)***

Technology:

- Bootstrap, HTML5, PHP, Javascript, Social Media Connection

## LANGUAGES

Native Spanish | Professional  
English