



# Alex Felipe Rodríguez Palomino

Neiva-Huila, Colombia · [linkedin.com/in/alex-felipe-rodriguez-b45778360](https://www.linkedin.com/in/alex-felipe-rodriguez-b45778360) · +573142378407 ·  
[alexpipe31w@gmail.com](mailto:alexpipe31w@gmail.com) <https://alex-rodriguez-portfolio.vercel.app/>

---

*Software Engineering student, knowledge in web development, Linux, cybersecurity, testing and automated software testing. Practical and work experience in personal projects and courses. Ability to analyze situations and find logical and efficient solutions*

## EXPERIENCE

---

### Panel Plus Solar Developer

Neiva-Huila,  
COLOMBIA

January 2024–May 2024

- Web Development: I designed and developed from scratch the official website of the company, ensuring an intuitive user experience, search engine optimization (SEO), and compatibility with mobile devices. I implemented key functionalities such as contact forms, integration with social networks and content management system, in addition to this I solved the problems that the panel plus solar company had by developing a simulation module so that end users can know the approximate budget of their investment.

### Flytours Project Leader

Neiva-Huila,  
COLOMBIA

January 2025–October  
2025

- As a project leader for Fly Tours, I am in charge of coordinating the development of a SaaS web platform for tourism companies, managing the complete project cycle from planning to implementation. My role includes defining requirements, assigning tasks, supervising technical development, and integrating key modules such as search, selection, quoting. In addition, I ensure that the team meets the objectives, deadlines set and good development practices, ensuring that the platform is scalable, secure and easy to use for customers.

**Frutaza**

Developer

**Neiva-Huila,  
COLOMBIA**

*November 2025–December  
2025*

- I designed and developed from scratch a complete e-commerce platform for the sale of Amazonian products, implementing a full-stack architecture with Next.js for server-side rendering and SEO optimization, Tailwind CSS for responsive design, and Node.js for backend services. I integrated the Shopify Storefront API for headless commerce architecture, allowing product catalog management and real-time inventory synchronization. I configured the Mercado Pago payment gateway for secure transaction processing in Latin America, implementing checkout flows and payment verification systems. In addition, I developed an automated chatbot for customer service and order management, connecting business operations with real-time messaging capabilities, which significantly improved the customer experience and automates key business processes.

**EDUCATION**

---

**UNIVERSIDAD FUNDACIÓN ESCUELA TECNOLÓGICA JESÚS OVIEDO  
PEREZ**

Software Engineering  
Currently studying

**Neiva-Huila,  
COLOMBIA**

*January 2024–  
Introducing*

**AMERICAN POLYTECHNIC INSTITUTE**

Labor Technician in Electronics and  
Telecommunications

**Neiva-Huila,  
COLOMBIA**

*January 2023–December  
2023*

**AMERICAN POLYTECHNIC INSTITUTE**

Labor Technician in Electromechanics

**Neiva-Huila,  
COLOMBIA**

*January 2023– March  
2024*

**UNIVERSIDAD FUNDACIÓN ESCUELA TECNOLÓGICA JESÚS OVIEDO  
PEREZ**

Diploma in Automated Software Testing and Testing

**Neiva-Huila,  
COLOMBIA**

*October 2024– December  
2024*

**UNIVERSIDAD FUNDACIÓN ESCUELA TECNOLÓGICA JESÚS OVIEDO  
PEREZ**

Diploma in Python programming

**Neiva-Huila,  
COLOMBIA**

*November 2024–  
December 2024*

**KOE COMPANY**

Intensive English Certificate A1-B2

**Neiva-Huila,  
COLOMBIA**

*January 2024–May 2025*

**ILEUSCO INSTITUTE OF FOREIGN LANGUAGES UNIVERSIDAD  
SURCOLOMBIANA**

Advanced English Certificate

**Neiva-Huila  
COLOMBIA**

*January 2025-Currently  
studying*

---

**COURSES**

**IBM BY COURSERA**

Generative AI: Prompt Engineering

**UDEMY**

RAG agents build apps & GPTs with APIS-MCP Langchain&n8n

**CISCO NETWORKING ACADEMY**

Introduction to Cybersecurity

**CISCO NETWORKING ACADEMY**

Linux uncharted

**CISCO NETWORKING ACADEMY**

Linux Essentials

**CLASSFLIX**

JavaScript

---

**CLASSFLIX**

SEO

**CLASSFLIX**

English from A1 to B2

[ALEX CERTIFICADOS](#)

---

## **TECHNICAL SKILLS**

---

- PYTHON
- JAVASCRIPT
- SQL
- WEB DEVELOPMENT
- VS CODE
- NOOBS
- REACT
- POSTMAN
- APACHEJMTER
- LINUX
- PHP
- TESTING

---

## **PERSONAL SKILLS**

---

- Willingness to research and learn new technologies and languages on their own.
- Continuous learning.
- Thinking outside the box to develop innovative ideas
- Attention to detail, good time management, adaptability to change and patience