

# Erick Rodas

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## Professional Profile

Computer Engineering student with hands-on experience in web development and a strong foundation in modern technologies. Passionate about creating innovative digital solutions, optimizing web performance, and applying artificial intelligence techniques. Committed to academic and professional excellence.

## Education

### Universidad Técnica Particular de Loja

Loja, Loja

Bachelor's Degree in Computer Engineering

Oct, 2023 – Expected: Oct, 2027

Relevant Coursework: Web Development, Software Engineering, Database Systems, Cloud Computing

### San Francisco de Asís Educational Unit - Ecuador

Zamora, Zamora Chinchipe

High School Diploma (GPA: 9.62/10)

July 2022

Honor: City Escort for Academic Excellence

## Experience

### Freelance

Remote

#### Web Developer

November 2023 – Present

- Designed and developed custom websites for clients using HTML, CSS, JavaScript, and frameworks such as Flask, Node.js, and Django.
- Created dynamic and responsive web applications, ensuring an exceptional user experience across all devices.
- Implemented SEO strategies and optimized website performance, improving load times by up to 40%.
- Provided maintenance and updates for existing web projects, ensuring long-term functionality.
- Communicated with clients to understand requirements and deliver tailored solutions.

## Projects

### 1. Inventory Management System

- Developed using Django and PostgreSQL, this system allows businesses to manage real-time inventory, generate automatic reports, and receive low-stock alerts.
- Features secure user authentication and an intuitive interface.

### 2. Customer Support Chatbot Platform

- Built with FastAPI and Natural Language Processing (NLP) techniques, this chatbot answers frequently asked questions and provides basic technical support.
- Deployed on the cloud for scalability and high availability.

### 3. E-commerce Website

- Constructed with Node.js and MongoDB, this platform offers a seamless shopping experience with features like a shopping cart, integrated payment gateways, and an admin dashboard.
- Optimized for search engines and fully compatible with mobile devices.

### 4. Web Performance Optimization

- Conducted performance audits on multiple websites using tools like Google Lighthouse and GTmetrix.
- Implemented improvements such as lazy loading, file minification, and caching to enhance site speed.

## Skills & Interests

### Technical:

#### • Languages & Frameworks:

HTML, CSS, JavaScript, Bootstrap, Flask, Node.js, Django, FastAPI, Scala (2.13.12), SQL

#### • Tools & Technologies:

Git, RESTful APIs, Rational and NoSQL Databases

- **Areas of interest:**

Open-source contributions, Web performance optimization, AI application in web development

**Language:**

- Spanish: Native
- English: Fluent

**Interests:**

- Passionate about technology and its social impact and keen follower of emerging trends in artificial intelligence and web development.