

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

Bachelor's Degree in Computer Engineering

Loja, Loja

Oct, 2023 – Expected: Oct, 2027

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

San Francisco de Asís Educational Unit - Ecuador

High School Diploma (GPA: 9.62/10)

Zamora, Zamora Chinchipe

Honor: City Escort for Academic Excellence

July 2022

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.