

Ernesto Aviles

Software Developer

Quito, Ecuador (Remote) • ernesto-av@hotmail.com • linkedin.com/in/ernesto-aviles-zavala • ernestoaviles.dev/ • github.com/Eavilez

Full-stack software developer (React, Next.js, TypeScript) with 4+ years of experience shipping production code for clients including Twilio, now building deeper expertise in applied AI — prompt engineering, LLM evaluation, and AI-assisted development workflows. Combines solid engineering fundamentals with hands-on experience training and evaluating generative AI models.

Skills

AI & LLM: Prompt Engineering, LLM Evaluation & Model Training, AI Coding Agents (Claude Code, GitHub Copilot), Multi-Model API Integration (OpenRouter), AI-Assisted Code Review & Debugging

Core Development: React, Next.js, TypeScript, JavaScript (ES6+), Node.js, Express, Python, RESTful APIs

Tools & Practices: Git/GitHub, Agile/Scrum (Jira), Testing (Jest, Playwright)

Languages: Spanish (Native), English (C2 – Proficient)

Experience

TripleTen

Remote

Software Development Instructor

February 2025 – Present

- Instruct both the Software Engineering and AI Software Engineering tracks — the latter built on the MERN stack, TypeScript, and applied AI, including a project where students build a document-upload app that lets users ask an AI questions about the uploaded file
- Reviewed 1,000+ student projects (~50 per week), delivering structured feedback on code quality and best practices
- Supported 300+ students through live Q&A and debugging sessions, resolving questions in real time
- Use AI tools for comprehensive code review and debugging, accelerating feedback turnaround
- **Stack:** React, JavaScript, NodeJS, Express, MongoDB, TypeScript, GitHub Copilot

Secblast.com

Remote (Part-time)

Frontend Developer

January 2025 – October 2025

- Ran this as a part-time side project while working full-time at TripleTen
- Designed and built advanced search, documentation visualization, and multi-API integration features
- Integrated the Stripe payment gateway, launching the platform's first paid tier and unlocking pro features for customers
- Used AI-assisted development to accelerate feature delivery and debugging cycles
- **Stack:** NextJS, TypeScript, GitHub Copilot

Outlier AI

Remote

AI Model Training – Independent Contractor (Part-time)

September 2024 – January 2025

- Evaluated AI models' coding capabilities across JavaScript and Python, assessing correctness, efficiency, and reasoning quality
- Delivered structured feedback on approximately 10 model completions per week as a part-time contractor
- Operated independently in a fully remote, deadline-driven role
- **Tech Stack:** Artificial Intelligence, LLM Evaluation, JavaScript, Python, Prompt Engineering

Twilio (as a Stackbuilders Consultant)

Remote

Full Stack Software Developer

July 2022 – June 2024

- Built React components and backend logic supporting the migration of 500+ pages of Twilio's documentation site
- Led QA on new pages, designing verification plans and an error-reporting system that surfaced issues before release

- **Tech Stack:** TypeScript, ReactJS, NextJS, Jest, Scrum, Git

Jelou AI

Guayaquil, Ecuador

Frontend Developer

May 2022 – July 2022

- Enhanced forms for mass message templates with PDF and multimedia file uploads, stored and accessed via AWS
- Expanded user panel with notifications and improved routing
- Implemented landing page design in NextJS
- **Tech Stack:** JavaScript, ReactJS, NextJS, Scrum, Tailwind CSS, GitLab, Sass, Figma

Education

Universidad De Las Américas | Coding Dojo

Quito, Ecuador

Full Stack MERN Developer

December 2021 – March 2022

Universidad De Las Américas

Quito, Ecuador

Sound and Acoustic Engineer

April 2012 – April 2018

Certifications

- Full Stack MERN Developer – Universidad de las Américas
- Introduction to Front-End Development – Meta