Ernesto Avilés

Software Developer

Contact

Location
LATAM - Guayaquil, Ecuador (Remote)

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LinkedIn and Portfolio

- https://www.linkedin.com/in/ernesto-aviles-zavala/
- https://eaviles-portfolio.vercel.app/en

Skills

- ReactJS
- NextJS
- Prompt Engineering
- AI Training
- TypeScript, JavaScript ES6+
- HTML5
- CSS3
- RESTful API
- Jest

Software Developer with 3+ years of experience specializing in adaptability and rapid learning. Contributed to the full migration of Twilio's documentation site frameworks, focusing on performance, SEO, and accessibility. Currently improving generative AI models using my coding expertise and prompt engineering knowledge to train large language models. Passionate about AI advancements and building innovative solutions.

Work History

2024-11 - Present

AI Model Training - Independent Contractor

Outlier AI - Remote

- improve generative artificial intelligence models by providing expert feedback improving coding capabilities.
- Develop and answer complex coding-related prompts to train AI models in JavaScript, TypeScript and Python.
- Successfully contributed to the training of large language models to improve their coding proficiency and accuracy.
- Independent remote role that requires strong time management.
- **Tech Stack:** Artificial Intelligence, JavaScript, Python.
- **Additional Skills:** Prompt Engineering, AI Training, Coding Expertise.

2022-07 - 2024-06

Full Stack Software Developer

Twilio (As a Stackbuilders Consultant) - Remote

- Developed React components and implemented backend logic to support the Twilio documentation migration, using TDD with a focus on performance, SEO, accessibility, and responsiveness.
- Led QA on new pages, creating verification plans and error reporting systems for early error visibility and immediate correction.
- Researched and contextualized legacy technologies, with a key contribution on Algolia Integration, enabling its effective use in the migration process.
- Conducted code reviews to ensure quality and consistency across the project lifecycle.
- Developed unit test cases for testing and automation.

- TDD

- Functional Programming

- Responsiveness

- Git, GitHub

- HTML5

- CSS3

- Jira/Agile

Languages

Spanish: Native language

English

C2

Proficient

- **Tech Stack:** TypeScript, ReactJS, NextJS, Jest, Scrum, Git.
- **Additional Skills:** Teamwork, C1-level English, Agile methodology, rapid adaptability to new technologies, strong research skills.

2022-05 - 2022-07

Frontend Developer

Jelou AI, Guayaquil

- 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, and Figma.
- **Additional Skills:** Teamwork, C1-level English, Agile methodology, cross-department collaboration, and prompt bug/error reporting.

2019-05 - 2022-01

Interactive Systems Engineer

Nido Interactive, Quito

- Design and implementation of interactive systems with Arduinos and Raspberry Pi in technological exhibitions, such as Espacio Fundación Telefónica, and museums, such as Yaku Water Museum.
- **Tech Stack:** Raspberry Pi, Arduino Mega, soldering of passive electronic devices.
- **Additional Skills:** Teamwork, high creativity to develop interactive systems.

Education

2021-12 - 2022-03

Full Stack MERN Developer

Universidad De Las Américas | Coding Dojo - Quito, Ecuador

2012-04 - 2018-04

Sound and Acoustic Engineer

Universidad De Las Américas - Quito, Ecuador

Certifications

Full Stack MERN Developer by Universidad de las Américas

Introduction to Front-End Development by Meta

Programming with JavaScript by Meta

Version Control by Meta