

Ernesto Avilés

Frontend 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 (Hooks, Context API, and Custom Hooks)
- NextJS (server-side rendering, static site generation)
- TypeScript, JavaScript (ES6+)
- Redux, Context API
- Jest, React Testing Library
- RESTful API
- HTML5

Frontend Developer with 3+ years of experience building scalable React applications. Proficient in state management (Redux, Context API), React Hooks, and testing with React Testing Library. Contributed to Twilio's documentation migration with a focus on performance, SEO, and accessibility. Passionate about creating seamless user experiences with modern frontend technologies.

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.
- **Skills:** Prompt Engineering, AI Training, Coding Expertise.

2022-07 - 2024-06

Full Stack Software Developer

Twilio (As a Stackbuilders Consultant) - Remote

- Designed and implemented scalable, reusable React components to support the migration of thousands of documentation pages from Django to Next.js, optimizing performance, SEO, accessibility, and responsiveness.
- Applied TDD principles to ensure robust and maintainable code, writing unit tests with Jest to guarantee component reliability and functionality.
- Led QA efforts for new pages by creating detailed verification plans and an automated error reporting system, enabling faster issue detection and resolution.
- Integrated Algolia for enhanced search functionality, improving the user experience and search performance across the migrated documentation site.

- CSS3
- Tailwind CSS
- Functional Programming
- Responsiveness
- Git, GitHub, GitLab
- Prompt Engineering and AI Training
- Jira/Agile Methodologies

Languages

Spanish: Native language



- Conducted in-depth code reviews to maintain high-quality standards and consistency throughout the project lifecycle.
- Leveraged expertise in TypeScript and Next.js to streamline the migration process and modernize legacy technologies.
- **Tech Stack:** TypeScript, ReactJS, NextJS, Jest, Scrum, Git.
- **Skills:** Frontend development, testing strategies, rapid adaptability, collaboration, C1-level English, Agile methodology.

2022-05 -
2022-07

Frontend Developer

Jelou AI, Guayaquil

- Enhanced user experience by building dynamic forms for mass message templates, integrating features like PDF and multimedia uploads with AWS for efficient storage and retrieval.
- Expanded the user panel by implementing notifications and refining application routing to improve usability and performance.
- Delivered pixel-perfect landing pages using Next.js and Tailwind CSS, translating Figma designs into responsive and accessible components.
- Contributed to scalable frontend architecture with Redux for state management in a collaborative Scrum environment.
- **Tech Stack:** JavaScript, ReactJS, NextJS, Redux, Scrum, Tailwind CSS, GitLab, Sass, and Figma.
- **Skills:** Frontend development, responsive design, Agile methodology, teamwork, C1-level English, cross-department collaboration.

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.
- **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