# Flavio Espinoza

\*\*Senior Frontend Developer\*\*

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## Summary

Experienced frontend developer with 11+ years building performant, accessible, and visually polished user interfaces.

Recent focus on AI-integrated applications, LLM tooling, and data visualization using modern React, TypeScript, and Next.js frameworks.

## Skills

* \*\*Languages & Frameworks:\*\* TypeScript, React, Next.js, JavaScript (ES6+), Tailwind CSS, HTML, CSS
* \*\*Libraries & Tools:\*\* Zustand, Zod, Chart.js, D3.js, PapaParse, Lucide React, OpenAI API, next-themes
* \*\*DevOps & Platform:\*\* Vercel, Git, REST APIs, Node.js
* \*\*AI Integration:\*\* GPT-4o, LLM prompt engineering, dynamic data extraction, Resend (planned)

## Recent Work Experience

### Bless Network · Senior Frontend Engineer

\*\*May 2024 – Present\*\*

* Built a modular portfolio and projects showcase with AI-powered data pipelines
* Implemented dynamic theme switching using next-themes and Tailwind CSS
* Exposed GitHub commit history via dynamic `/api/commits` and CSV/JSON export
* Created responsive charts via D3.js from OpenAI-generated structured data
* Configured Open Graph meta tags, Twitter card preview, and custom favicon
* Developed `/contact` page and prepared API integrations for Formspree and Resend

## Portfolio Projects

### AI Chat Assistant

* React + TypeScript interface for prompt + response with GPT-4o
* Uses Zustand for message state and theme toggling via next-themes
* Error boundaries, loading states, and minimal UI

### LLM Data Visualizer

* Parses human language prompts using OpenAI and renders interactive bar/line/pie charts via D3.js
* Supports dark mode, CSV export, iframe embedding, and data cleaning logic
* Responsive chart rendering and grouped analytics via Day.js

## Awards & Recognition

* First Place – SECCA International Design Competition (MIT Press Publication)
* Environ Design 8 Speaker | Scope-Hamptons Artist | Published with MIT Press

## Education

\*\*Master of Architecture\*\* – University of Utah, 2000