Flavio Espinoza – Senior Front-End Developer

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Salt Lake City, UT

# Professional Summary

Senior Front-End Developer | AI-Integrated Interfaces | Data Visualization Expert  
Creative and technically versatile developer with 11+ years of experience in modern front-end development using React.js, Next.js, TypeScript, and Tailwind CSS. Adept at transforming complex ideas into intuitive digital experiences. Strong background in D3.js visualizations, real-time applications, and prompt engineering using OpenAI APIs. Recognized for award-winning design thinking and high-performance UI delivery across Web3, FinTech, and AI-driven platforms.

# Core Skills

\*\*Languages & Frameworks:\*\* JavaScript (ES6+), TypeScript, React.js, Next.js, Node.js, HTML5, CSS3, Tailwind CSS  
\*\*State Management:\*\* Recoil, Zustand, Redux  
\*\*Data Visualization & Design:\*\* D3.js, Data Storytelling, Design Systems, Figma, Adobe XD  
\*\*AI/ML & APIs:\*\* OpenAI API (GPT-4), Prompt Engineering, LangChain (beginner), RESTful APIs, JSON  
\*\*Cloud & DevOps:\*\* Vercel, AWS (S3, CloudFront, EC2), GitHub Actions, Docker  
\*\*Testing & Tooling:\*\* Jest, Cypress, Playwright, WebSockets, OAuth 2.0, OpenID Connect  
\*\*Soft Skills:\*\* Creative problem-solving, cross-functional collaboration, product-focused mindset

# Work Experience

## Senior Front-End Developer — Bless Network — Remote

05/2024 – 03/2025

* • Built Web3-ready, turn-key applications using Next.js, TypeScript, and Tailwind CSS for deployment on the Bless Network
* • Developed modular UI components and optimized responsive layouts to ensure seamless user experience across decentralized apps
* • Collaborated directly with the founding team to define product requirements and ship features rapidly

## Senior Front-End Developer — Overclock Labs / Akash Network — Remote

02/2022 – 12/2022

* • Lead contributor to the Overclock Console: a React.js application for managing blockchain deployments on the Akash Network
* • Delivered real-time UI for active deployments, improving developer experience and reducing onboarding time by 40%
* • Worked closely with DevOps and backend teams to integrate secure wallet management and smart contract actions via APIs
* • Helped re-architect key UI flows for deployment automation, reducing friction in production workflows

## Front-End Developer — Braintrust (Freelance via platform) — Remote

07/2021 – 02/2022

* • Completed high-quality front-end builds for clients via the Braintrust talent network
* • Designed and implemented React components with clean, reusable architecture and Tailwind-based design systems
* • Maintained pixel-perfect UI delivery from Figma mockups with a focus on responsiveness and accessibility

## Senior Full-Stack Developer — Webshield — Remote

04/2019 – 07/2021

* • Led development of secure web applications for identity verification using Onfido’s facial recognition API
* • Integrated OpenID Connect (OAuth 2.0) flows via OKTA’s identity platform to streamline user access for enterprise clients
* • Built and maintained full-stack features using React.js and Node.js with a strong focus on compliance and security
* • Delivered robust authentication flows and audit-tracking tools that supported multi-region enterprise deployments

## Full-Stack Developer — Street Fighter — Remote

06/2017 – 04/2019

* • Developed real-time crypto trading interfaces using React, Node.js, and D3.js, simulating responsive control systems inspired by gaming UIs
* • Built data analytics dashboards to visualize crypto market activity using custom filters across 180+ trading pairs
* • Consumed WebSocket feeds and Elasticsearch data to display dynamic financial visualizations in near real-time
* • Created interactive tools for advanced traders to react to market volatility with minimal latency

## Senior Front-End Developer — Swim.ai — San Jose, CA

09/2016 – 06/2017

* • Built real-time geospatial UIs for smart cities using React and the FLUX architecture
* • Visualized IoT sensor data across municipal systems including buses (SF), traffic lights (Palo Alto), and electrical meters (Chicago)
* • Translated unidirectional IOT data flows into map-based insights using custom data overlays and interaction layers
* • Collaborated with data scientists and backend engineers to deliver high-throughput, real-time monitoring dashboards

## Senior Web Application Engineer — SolarCity — San Francisco Bay Area

05/2015 – 09/2016

* • Built data analytics dashboards using Angular, Django, and D3.js to deliver executive insights and sales performance reports
* • Developed a mobile web application in Angular/.NET to streamline HR notifications and task delivery across the entire company
* • Reduced manual follow-ups for HR by automating task reminders (e.g., I-9 verification), improving compliance across departments
* • Collaborated with stakeholders to translate business requirements into real-time visual reporting tools

## Front-End Developer — Vivint Solar — Salt Lake City, UT

04/2013 – 05/2015

* • Designed and implemented interactive dashboards using Angular, Node.js, and D3.js for sales leadership and operations teams
* • Replaced hard-coded Elasticsearch queries with dynamic JSON stored in MongoDB, enabling on-the-fly query updates without redeployments
* • Played a key role in scaling front-end systems in support of Vivint Solar’s IPO in 2014
* • Partnered with data teams to ensure real-time analytics were accurate, performant, and visually intuitive

## Front-End Developer — Attensity — Salt Lake City, UT

10/2011 – 05/2013

* • Built social analytics and engagement tools for CRM using D3.js to visualize sentiment, relationships, and trending topics
* • Delivered high-impact visualizations from unstructured social media data (Twitter, Facebook) for clients like Nike, eBay, and Apple
* • Created modular visualization components to support a wide range of use cases, from brand monitoring to campaign analysis
* • Enabled enterprise teams to explore and act on insights via interactive, real-time data dashboards