

# Luis Acosta

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With more than a decade of experience building software, my journey has spanned the high-stakes worlds of FinTech, the fast-paced scalability of e-Commerce, and the impactful missions of EdTech. While I've spent recent years mastering the modern frontend with React, TypeScript, and Next.js, my foundation is genuinely full-stack, with hands-on experience in building APIs with Node.js, managing databases, and configuring CI/CD pipelines.

I thrive on solving complex problems and believe the best solutions come from understanding the complete technology picture. I value the collaborative synergy between engineering and product teams, enjoy leading initiatives that enhance application architecture, and am now eager to apply my full-stack capabilities to contribute to and grow within an innovative team.

## Technical Skills

**Core Technologies** React • TypeScript • Next.js • Node.js

### Experience With

#### Frontend

##### **State Management**

TanStack Query, React Query (REST), Apollo Client (GraphQL), Redux, MobX

##### **Styling**

Styled-Components & CSS modules (CSS-in-JS), SASS Preprocessor

##### **Platforms**

Retool (Low-code Development)

#### Backend

##### **Frameworks**

Koa, Express

##### **Databases**

PostgreSQL, MySQL, Snowflake

#### DevOps & Cloud

##### **Version Control & CI/CD**

Git, GitFlow, GitLab CI, GitHub Actions, Jenkins, Bitbucket

##### **Platforms**

AWS, Docker, Google Cloud Platform, Azure, Vagrant

#### Web Engineering

##### **Analytics & Event Tracking**

Amplitude, Segment, Google Analytics, Adobe Analytics

##### **Experimentation**

Optimizely (A/B Testing), Unleash (Feature Management)

##### **Performance Optimization**

Lighthouse, Bundle Analyzer

##### **Debugging & Profiling**

React DevTools, Chrome DevTools

##### **AI Tooling**

Claude Code, Cursor IDE, Gemini, ChatGPT

#### Testing & Methodologies

##### **Libraries**

React Testing Library, Enzyme (Unit Testing)

##### **Frameworks**

Playwright, Cypress, Jest (Integration & E2E Testing)

##### **Methodologies**

Scrum (Agile), Kanban

##### **Platforms**

JIRA, TestRail

## Professional Experience

**Distillery Tech, Inc** • *Senior Software Engineer & Company Team Lead*

May 2021 – Nov 2025

Altruist Corp [FinTech] (Contractor, Aug 2022 - Nov 2025)

- Architected and led the full-stack migration of the core platform's data-fetching layer, deprecating a complex GraphQL Mesh in favor of a robust Koa.js proxy server in the Backend-for-Frontend gateway. This initiative resolved critical data synchronization issues, reduced system complexity, and significantly improved developer experience and API performance.
- Pioneered and drove the adoption of TanStack Query as the primary state management library for the frontend, leading the subsequent refactor of the entire application to align with a modern, RESTful architecture.
- Developed a suite of high-impact internal tools and financial report generators using Retool, enabling operations teams to automate complex workflows such as financial file parsing, transaction approvals, and gain/loss analysis, directly increasing operational efficiency.
- Enhanced application-wide UX and security by implementing state-driven URL management for complex modules, architecting role-based access controls, and building a scalable feature flag system to de-risk production releases.

Thrive Market, Inc [e-Commerce] (Contractor, May 2021 – Jul 2022)

- Built the company's core analytics pipeline by implementing the Amplitude SDK, providing the Data team with clean event data to drive product experimentation.
- Partnered with Product to launch high-impact A/B tests using Optimizely, successfully validating new features and increasing user conversion rates.
- Contributed to the component-driven CMS framework that enabled the Marketing team to independently build and launch their own content campaigns.
- Developed the platform's foundational e-commerce systems, including the unified product catalog and shared cart, to ensure a seamless and scalable shopping experience.

**Globant S.A.** • *Software Designer & Senior Web UI Developer*

Feb 2017 – May 2021

Great Minds, PBC [Ed-Tech] (Contractor, Apr 2021 - May 2021)

- Using modern tools like TypeScript and Next.js, I built key features for a major e-learning platform, directly helping educators and students access better instructional content.

iSeatz, Inc / American Express Company [Travel] (Contractor, Feb 2017 - Mar 2021)

- Built and scaled the frontend for a large-scale travel booking site, creating a fast and reliable single-page application with React and Redux.
- Working side-by-side with business and QA teams, I turned complex requirements into user-friendly features for their digital travel commerce platform.
- Helped improve the CI/CD pipeline using Jenkins, which resulted in more stable and predictable software releases.

\*\* I was promoted to Software Designer after consistently taking the lead on the design and development of successful client applications.

**Independent Consultant • Full-Stack Web Developer**

Jul 2016 – Feb 2017

- Modernized client web applications by introducing Node.js and early automated build tools, helping businesses transition from legacy systems to modern JavaScript architectures.
- Built both web and mobile applications, including integration of critical third-party APIs (like Stripe, PayPal, Google Analytics), and managed server deployment for online products.

**PME Consulting • Web Developer & IT Collaborator**

Feb 2015 – Jul 2016

- Developed web applications and microsites, focusing on SEO and analytics, and provided IT infrastructure support including web hosting and cloud administration for Google Cloud Platform and Azure.

**Universidad Autónoma de San Luis Potosí • Database Developer (Internship)**

Aug 2014 – Feb 2015

- Developed and administered database structures for real-time web applications, processing solar energy sensors data to generate key performance indicators (KPIs) for clients.

**Education**

Universidad Autónoma de San Luis Potosí  
*Bachelor's Degree, Informatics Engineering*  
San Luis Potosí, Mexico  
2009 – 2015

**Languages**

English (Professional Working)  
Spanish (Native)