OSCAR MEJIA

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SKILLS

Languages	TypeScript, JavaScript (Node.js), HTML5, CSS
Frontend	React, Next.js, TanStack Query, Stencil.js, Redux, Tailwind, A11y
Backend	Express, tRPC, GraphQL, REST APIs, PostgreSQL
Tools	Docker, Google Cloud, Splunk, Git, Jest, MSW, Playwright, Biome, Git, Github, Docker, Charles Proxy, jFrog, Akamai, LLMs, Storybook

EXPERIENCE

Senior Software Engineer — Oct 2022 - Present
CVS Health Co. (Branding Brand) — *Houston, TX*

- Architected and engineered framework-agnostic TypeScript packages to centralize core logic while enabling consuming teams to own their domain specific logic. Enforced Jest and documentation standards to ensure stability, effectively ending my team's role as an integration middleman and empowering external teams to ship features independently.
- Engineered the regulatory compliance workflow for pseudoephedrine purchases (ID.me) across the shop platform in a Next.js app. Identified critical API scalability flaws and authored a restructuring proposal, successfully advocating for a unified data contract that accelerated web and mobile development.
- Architected the client-side migration strategy to consume a unified GraphQL API across the application suite. Designed a custom adapter pattern to normalize disparate schemas, orchestrating a phased migration from REST that eliminated network waterfalls and resolved technical debt without service interruption.
- Orchestrated third-party ad integrations by defining strict API contracts to maximize user data telemetry and tracking fidelity. Implemented React logic that leveraged these data signals to deliver relevant, targeted advertising without compromising frontend performance.
- Collaborated in defining the team's next-generation tech stack with Next.js at its core, prioritizing development experience and page speed. Validated the architecture by migrating the high-traffic Product Detail Page, replacing legacy Express/Redux logic to improve page speed and developer velocity.

Full-Stack Engineer — Oct 2020 - Oct 2022
Freelance — *Houston, TX*

- Engineered "Mise," a proprietary full-stack Resource Planning solution that centralized inventory, order management, and projections, serving as the technological foundation for Candelari's multi-location expansion.
- Designed the full-stack app using Next.js, TypeScript, tRPC, and PostgreSQL. Established a resilient DevOps infrastructure on Railway with automated CI/CD pipelines and database backups, ensuring stability for critical daily operations.
- Partnered on the product definition to transform business requirements into technical specifications. Implemented a comprehensive order history system that enabled the business to audit purchasing trends, providing critical visibility into price variances and cost fluctuations.

Software Developer — Dec 2018 - Sept 2022
Poetic — *Houston, TX*

- Collaborated on the full-stack development of a B2B dealer portal for Kobelco Cranes using React, TypeScript, and GraphQL. Implemented key features for the parts ordering system, enabling authorized dealers to query real-time inventory and fulfill orders.
- Expanded the backend architecture of the Houston Food Bank's volunteer management system. Implemented complex scheduling constraints and event coordination logic in Ruby on Rails, directly increasing administrative throughput for volunteer operations.