JOSE BARRAZA

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Professional Summary

Senior Frontend Engineer with 10+ years of experience building scalable, maintainable web applications. Expert in JavaScript, TypeScript, and React, with strong focus on high-quality UI, performance, and DX. Proven track record delivering complex data-heavy interfaces, integrating AI/ML workflows, and leading testing and CI/CD practices in cross-functional teams.

Key Skills

- JavaScript (ES202x), TypeScript, React, Next.js, TailwindCSS
- State: Redux, Context API
- Testing: Jest, React Testing Library, Cypress
- Design Systems & Storybook
- REST & GraphQL (Apollo)
- Tooling: Webpack, Vite, Lerna
- CI/CD: GitLab CI, Kubernetes, JFrog Artifactory
- UI Libraries: Material UI (MUI), AWS Chime SDK (experience)
- Mobile: React Native (experience)
- Collaboration: Code Review, Agile/Scrum

Professional Experience

Senior Frontend Engineer
Oracle Mexico | Aug 2021 – Present
- Build and maintain internal web apps with React + TypeScript, using Redux for complex async flows and Context API for lightweight global state.
- Design and implement UI components for AI/ML workflows: model selection, default-algorithm configuration, and real-time output visualization.
- Develop custom components and document end-to-end feature workflows with Storybook to support visual testing and team alignment.
- Raise code quality via thorough reviews and best practices; enforce maintainability and consistency across modules.
- Improve reliability with unit/integration tests (Jest, RTL) and validate user journeys with Cypress E2E tests.
- Manage CI/CD via GitLab pipelines; publish artifacts to JFrog Artifactory and support Kubernetes deployments.
- Collaborate with backend and data science to define clear API contracts and integrations (REST/GraphQL).
- Document features, decisions, and technical details in Confluence for transparency and future maintenance.

Key Project: NWDAF Portal
Real-time analytics dashboard for 4G/5G network functions with dynamic tables, heatmaps, line and pie charts. Enabled operational insights and AI-driven predictions visualization to support internal

decision-making.

Frontend Engineer
Revelo (Client: Numa AI) | Apr 2019 – Jul 2021
- Delivered features across web (React, TypeScript) and mobile (React Native), with occasional Python (Flask) backend contributions.
- Built a BI-driven Reports Page using Cube.js, defining queries and dashboards for dealership analytics.
- Maintained and enhanced the React Native app, aligning UX parity across web/iOS/Android and updating libraries safely.
- Supported the Inbox feature (core AI-assisted communication between dealerships and customers).
- Tech: React, React Native, TypeScript, Redux, Storybook, Vite, MUI, Cube.js, Lerna, Cypress, Python, Flask, PostgreSQL, GraphQL (Apollo).

Frontend Engineer
Nextiva | Aug 2017 – Mar 2019
- Contributed to core web apps using React, Redux, and Storybook within an Agile (Scrum) environment.
- Built a visual Call Flow Builder with interconnected nodes for configuring inbound call flows.
- Worked on Cospace: meetings, messaging, screen/file sharing, and tasks—leveraging React and AWS Chime SDK.
- Implemented features for Sales Quote: managing quotations and leads.
- Practiced code reviews, unit testing (Jest, RTL), and consistent CI workflows.

Mid Frontend Engineer
EPAM Systems | Feb 2016 – Jul 2017
- Focused on UI development for multiple clients using HTML, CSS, JavaScript, React, and Redux.
- Implemented a timeline calendar for Altitude Crew Pairing to manage crew itineraries.
- Tooling included Webpack, Jest/Enzyme, Git, and Jenkins.

Junior Frontend Engineer
Tata Consultancy Services | Jan 2015 – Jan 2016
- Built landing pages for USAA with HTML5, CSS3, JavaScript, and jQuery; participated in daily stand-ups.
- Contributed to accessibility reviews and iterative improvements.

Education

Bachelor's Degree, Software Engineering
Instituto Tecnológico de Culiacán | 2011 – 2015