

PROFILE SUMMARY

Results-driven Frontend Engineer and Technical Lead with over 6 years of experience building high-performance web applications and leading cross-functional teams in fast-paced, agile environments. Adept at translating complex business needs into scalable frontend architectures using modern frameworks like React, Angular, and Next.js. Known for driving innovation through microfrontend design, reusable UI libraries, and seamless integration with backend and cloud infrastructure (AWS, Firebase, Oracle, Aurora). Proven ability to bridge product and engineering teams, mentor developers, and champion best practices in code quality, performance optimization, and agile delivery. Passionate about creating clean, accessible, and engaging user experiences that align with business goals.

SKILLS

- JavaScript / TypeScript
- React.js / Next.js / Angular
- Microfrontend Architecture
- State Management (Redux, Zustand)
- UI Libraries (Material UI, Ant Design, Tailwind, Bootstrap)
- HTML5 / CSS3 / SCSS
- Webpack / Storybook / Git
- AWS (EC2, S3, IAM)
- GraphQL APIs
- Firebase / Node.js
- RESTful APIs & API Integration
- Chart.js / Data Visualization
- Agile & Scrum Methodologies
- Cross-functional Team Leadership
- Performance Optimization & Debugging

EDUCATION

- Master’s in Big Data Analysis & Visualization (AI Specialization) – UNIR, 2022
- Bachelor’s in Computer Systems Engineering – Instituto Tecnológico de la Laguna, 2020
- EGEL Test - Software Engineer Certified, 2020
- TOEFL (B2) – Birmingham Institute, 2020

CORE COMPETENCIES

- **Frontend Architecture & Component Design:** Expert in building scalable, modular, and maintainable UI architectures using modern JavaScript frameworks and component libraries.
- **Cross-Functional Team Leadership:** Proven ability to lead diverse development teams, coordinate tasks across mobile, backend, and frontend roles, and ensure timely and high-quality deliverables.
- **Performance Optimization & Code Quality:** Skilled in debugging, refactoring, and optimizing applications for speed, responsiveness, and maintainability across web and mobile platforms.

PROFESSIONAL EXPERIENCE

Tech Lead – Elektra, Banco Azteca (Neracode)  
Remote (CDMX)

Jan 2025 – Present

- Lead a cross-functional team (2 Android, 2 iOS, 3 backend, 1 frontend, 1 QA) to deliver high-quality web and mobile platforms.
- Oversaw technical planning, defined technical tasks, and guided architectural decisions across full-stack components.
- Acted as a key liaison between engineering and product teams, ensuring technical feasibility of requirements and project clarity.
- Spearheaded the use of AWS cloud infrastructure and integrated Oracle and Aurora databases, ensuring system scalability and security.
- Promoted agile methodologies, implemented coding standards, and fostered a collaborative team culture; leveraged AI assistants (ChatGPT, Claude) and GitHub Copilot to accelerate delivery, improve code quality, and standardize documentation and reviews.

Frontend Engineer – Promoespacio (Neracode)  
Remote (CDMX)

Feb 2024 – Dec 2024

- Defined frontend architecture using scalable React microfrontends with Webpack Module Federation, reducing deployment times by 30%
- Developed reusable internal libraries, enhancing component consistency and reducing development time by 40%.
- Resolved urgent technical issues under pressure, ensuring successful delivery of key features.
- Introduced Storybook for documentation, streamlining collaboration with design teams and minimizing UI bugs.
- Tuned Webpack configurations to cut bundle size by 25%, improving load times and performance.

## Frontend Developer – ITNORA

Remote (Mexicali)

Jun 2023 – Jan 2024

- Integrated ChatGPT and Foursquare API into Babelon (Next.js + Node.js), delivering AI-powered travel planning experiences.
- Built a medical records platform for Stanford Medicine using Angular and .NET, implementing real-time data visualizations with Chart.js.
- Enhanced medical UX using Material UI, focusing on responsive and intuitive design for healthcare professionals.
- Developed complex components for analytics dashboards, improving clarity and usability of medical insights.
- Collaborated in cross-timezone sprints, delivering frontend features on schedule and with high test coverage.
- Improved overall system responsiveness by optimizing frontend performance in critical healthcare modules.

## Frontend Developer – San Pedro Garza Garcia

Remote (Nuevo Leon)

Nov 2023 – Dec 2023

- Developed the frontend for the Citizen Complaint System in Next.js, boosting team productivity by 30%.
- Built responsive layouts for both admin and user views, ensuring accessibility across all devices.
- Streamlined development by creating shared UI components used across different modules.
- Participated in code reviews and QA, maintaining high coding standards and performance benchmarks.
- Delivered improvements that enhanced the end-user complaint submission experience.
- Reduced frontend loading time with optimized build configurations.

## Frontend Engineer – UPAX (ZEUS)

Remote (CDMX)

Jul 2022 – Jun 2023

- Lead frontend development from scratch using React, implementing AWS authentication and S3 image storage.
- Enhanced CSV/Excel data extraction logic in Angular, accelerating processing speed and reliability.
- Boosted platform storage speed by 40% through frontend data handling optimizations.
- Designed modular components improving reusability and reducing duplicated codebase by 50%.
- Solved complex bugs in data visualization modules, enhancing dashboard usability.
- Partnered closely with backend and QA to ensure seamless integration and testing cycles.

## Frontend Developer – ITNORA

Remote (Mexicali)

Dec 2021 – Jul 2022

- Developed FieldWorkTracker in React for managing autism therapy sessions, improving data tracking efficiency.
- Built real-time trailer tracking platform for Frontier using React and GPS integration, enhancing logistics operations.
- Created Gantt chart-based project management UI for Smallwood in Vue.js, improving client engagement by 50%.
- Implemented SCSS-based styling to ensure consistency across platforms.
- Enhanced user notification systems with custom logic and automated email triggers.
- Led frontend coordination with external developers and U.S.-based stakeholders.

## Frontend Developer – ANJUB

Remote (CDMX)

Jan 2020 – Nov 2021

- Built a private React platform for document distribution for CENACE retirees using Ant Design and SCSS.
- Digitized legal document access, increasing national reach by 20%.
- Reduced logistical costs by eliminating the need for in-person legal meetings.
- Developed secure access and versioning features for sensitive government records.
- Integrated responsive and mobile-friendly designs, improving engagement for older users.
- Facilitated full lifecycle development and deployment in a remote-first environment.

## Software Developer – Instituto Tecnológico de la Laguna

Torreón, Coahuila

Jan 2019 – Dec 2019

- Led design of cloud networks using Azure Virtual Networks and ExpressRoute for hybrid connectivity.
- Delivered visual studio-based custom features and managed deployments for secure Azure cloud environments.
- Provided technical leadership on PaaS solutions and policy development for scalable cloud adoption.
- Deployed, maintained, and optimized cloud infrastructure for internal systems and external-facing platforms.
- Resolved high-level performance and connectivity issues in Azure-hosted environments, improving reliability.
- Advised on internal tech offerings evolution and participated in product alignment meetings with leadership.