Andre Karell Contreras Jimenez

Staff Frontend / Platform Engineer | UI Architecture, Design Systems and Developer Experience

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PROFESSIONAL SUMMARY

Frontend platform and technical leader with 14 years of software engineering experience, specializing in UI architecture, design systems, and developer experience. Known for taking ownership of complex or struggling frontend systems and turning them into maintainable foundations that teams can build on safely. Currently own the technical direction of a 66+ component shared UI platform used by ~50 engineers, manage 2 Senior Engineers, and drive its reliability, contribution model, and next-generation architecture.

CORE SKILLS

Frontend and Platform: React, Vue, TypeScript, JavaScript, Web Components, Design Systems, Component Libraries, Storybook, Chromatic, Vite, Vitest, Testing Library
Architecture and Leadership: UI Platform Strategy, Frontend Architecture, Technical Roadmaps, Cross-Team Technical Leadership, People Management, Hiring, Mentoring, Code Review
Developer Experience and Quality: GitHub Actions, CI/CD, Release Please, Monorepos, Automated Quality Gates, Accessibility Testing, Performance Checks, Package/Bundle Governance
AI-Assisted Engineering: Spec-Driven Development, Repository Steering, Kiro-based Planning and Developer Tooling
Additional: Node.js, REST/GraphQL APIs, Docker, AWS

PROFESSIONAL EXPERIENCE

UI Platform Lead (official title: UI/UX Developer Lead)

LoanPro | Jun 2023 - Present | Remote | FinTech

- Progressed from individual contributor to technical owner and people manager for the company's shared UI platform: a 66+ component Vue design system used by ~50 engineers across product teams; directly manage 2 Senior Engineers.
- Set the frontend quality and contribution bar for the shared UI platform across product teams, defining architecture, technical roadmap, engineering standards, developer tooling, and escalation paths for teams integrating with or contributing to the library.
- Encoded platform standards into merge-blocking CI quality gates covering tests, coverage regressions, TypeScript health, dependency vulnerabilities, package-size regressions, accessibility, and component behavior - reducing reliance on tribal knowledge as contribution expands beyond the core team.
- Raised automated test coverage from ~40% to 80%+ and reduced CI build time from ~10 minutes to ~2 minutes, shortening feedback cycles and increasing confidence in changes to a platform consumed by dozens of engineers.
- Replaced manual monthly releases with automated, on-demand delivery through GitHub Actions and Release Please, including automated versioning and changelogs, allowing consuming teams to adopt fixes and new components without waiting for a scheduled release cycle.
- Helped scale the UI platform function by identifying capacity constraints, interviewing Senior Engineer candidates, selecting hires, and creating repository steering/contribution guidance so maintenance and contribution can scale beyond a single owner.
- Built a Kiro-based engineering planning workflow that uses repository context to surface available work, roadmap progress, milestones, and technical status to developers and management.
- Lead R&D and cross-team technical planning for a framework-agnostic next-generation UI platform spanning 2 product teams, including a Stencil/Web Components proof of concept and architecture research for React/Vue adapters, framework-specific integration layers, Vite tooling, and incremental migration of the existing library.

Frontend Developer (Sole Frontend Owner, Independent Contractor)

Bexa | Jan 2024 - Present | Remote | Healthcare

- Own the complete frontend architecture and delivery of a greenfield healthcare platform spanning patient onboarding, localization, appointment scheduling, medical results, and cross-region administrative workflows.
- Established the frontend engineering baseline from zero - including Vite, Vitest, Storybook-based automation, and 80%+ test coverage - while independently translating product requirements and Figma designs into production software.

Senior React Developer / Frontend Technical Lead

Softtek | May 2019 - Jul 2023 | Clients: Southwest Airlines, Metagenics

- Took technical leadership of a large React/Electron application with significant legacy debt, replacing Angular-influenced patterns and unnecessary Redux usage with idiomatic React. Retained as the sole engineer after the primary delivery phase to stabilize and maintain the production application through the team ramp-down.
- Led 5 engineers at steady state and up to 7 at peak, owning technical decisions and code approvals, assigning sprint work, mentoring JavaScript/React skills, participating in performance feedback, and supporting hiring decisions.
- Modernized frontend engineering standards and developer workflows across local development, linting, testing, and CI, making the codebase easier for new engineers to understand and contribute to without relying on project-specific patterns.
- Served as Frontend Lead for a greenfield Metagenics product, selecting React/Vite, defining frontend and GitLab CI standards, and mentoring two US-based frontend engineers; later recommended Next.js when SEO emerged as a new product requirement.

ADDITIONAL EXPERIENCE

Senior Frontend Developer | Global Technology Associates - Voti Detection | Aug 2018 - May 2019
Built React/Redux dashboards for real-time security data from physical X-ray scanners and data-heavy REST integrations.

Senior Frontend Developer | Softtek - Sterling Talent Solutions | Mar 2018 - Aug 2018
Developed a localized US background-screening and identity-verification platform using React, JavaScript, PHP, and Docker.

Full-Stack Developer | Gamma Partners - Scrubs and Beyond | Jun 2017 - Mar 2018
Delivered full-stack features and enterprise integrations for a high-volume Magento e-commerce platform using Angular, JavaScript, PHP, Node.js, and ServiceNow.

Full-Stack Developer / Project Manager | Nettic Empresas y Tecnologia SL | Sep 2012 - Jun 2017
Owned end-to-end delivery across client projects, including frontend, backend, databases, and business-rule implementation with PHP, JavaScript, AngularJS/Angular, Ember.js, Node.js, MySQL, MongoDB, REST, and SOAP.

LANGUAGES

Spanish: Native | **English:** Fluent professional proficiency