

## SUMMARY

Senior Software Engineer with 13 years of experience working with technologies like TypeScript, JavaScript, Python, GraphQL using frameworks such as React, Next.js, Redux, NestJS, Node.js on cloud platforms like AWS, Docker, Kubernetes, CI/CD, Terraform, specialized in Scalable Frontend Architecture, High-Performance Web Applications, Engineering Strategy, Micro-frontends at companies such as Kueski, Clip, Linio, architected scalable frontends ecosystems supporting millions of users, optimized high-traffic apps for sub-second latency, engineered mission-critical fintech modules, accelerated engineering velocity by reducing technical debt and rework, drove 10% user retention uplift via data-driven product optimizations.

## SKILLS

**Frontend / UI Engineering:** React, Next.js, TypeScript, JavaScript, Redux, Component-driven architecture & Design Systems- HTML5, CSS, Tailwind, SASS, Cross-browser compatibility & accessibility.

**Backend & Full-Stack Skills:** Node.js, NestJS, REST, API Design, GraphQL, Python, Go, Rabbitmq, FastAPI, Redis, Kafka, Microservices Architecture.

**Testing, Quality & Performance:** React Testing Library, Cypress, Automated Testing Strategies, API Mocking, Webpack, Caching Strategies, Lighthouse, Frontend Observability, Performance Monitoring In Production.

**Cloud & Infrastructure:** AWS, S3, Lambda, ECS, SNS, SQS, Docker, CI/CD Automation, Github actions.

**Databases & Data:** PostgreSQL, MySQL, DynamoDB.

## WORK EXPERIENCE

**Senior Software Engineer IV. Kueski. Mexico, Mexico City** 2022 - 2025

- Migrated the portal to React and Next.js, optimizing SSR, routing, and data-fetching. the B2B Admin Portal loaded in ~3.2 seconds, slowing daily workflows for internal users. Reduced initial page load time by 1 second across the entire portal using TypeScript, React, Next.js, AWS, tailwindcss.
- Developed a design system that accelerated core component creation using reusable components and AI agents UI components were recreated repeatedly across teams, increasing delivery time., Reduced component creation time by ~2 hours per component across teams using React, TypeScript, Tailwind CSS.
- Implemented shared UI libraries and standardized adoption guidelines frontend teams lacked shared UI foundations, limiting scalability across products. Enabled reuse across 5+ teams, eliminating duplicated UI work on dozens of features using React, TypeScript and IA.
- Implemented frontend observability and monitoring on critical user journeys. Production UI issues were detected late, delaying incident response. Reduced incident detection time from several hours to under 10 minutes using TypeScript, React, Next.js, tailwindcss.
- Built reusable, performance-optimized React components and standardized REST API integration patterns. Inconsistent UI and REST integrations across multiple applications caused performance and scalability issues, unified UI and supported thousands of daily transactions with stable performance using TypeScript, React, Next.js, tailwindcss, API REST.

**Senior Software Engineer. Clip. Mexico, Mexico City** 2018-2022

- Optimized frontend checkout flows and API integration with backend services checkout flows experienced frequent card transaction failures impacting revenue, processed 1,000 additional orders. using React, TypeScript, Next.js, Node, AWS.
- Designed and built internal analytics for data visualization libraries. product teams lacked clear visibility into user behavior and retention drivers, Enabled retention of ~15,000 additional monthly active users using React, Analytics, Nextjs, TypeScript.
- Introduced unit and E2E testing practices across frontend projects; growing React codebase had limited automated test coverage., Prevented ~20 production regressions and reduced release rollback incidents using REST APIs, React, Node.js.
- Collaborated with backend teams to design and integrate well-defined APIs frontend development was slowed by unclear and unstable backend APIs, reduced integration defects by ~30 issues and shortened feature delivery by ~1 week using TypeScript, React, AWS.

**Senior Frontend Engineer. Linio. Mexico, Mexico City** 2016 - 2018

- Designed and implemented a reusable React component library. Teams duplicated UI components across multiple web projects, eliminated duplicated UI work across 10+ components, saving weeks of development time using JavaScript, React.
- Improved frontend automation for testing and deployment workflows. Frontend releases relied heavily on manual testing and validation, Reduced by less 1 day manual release effort by several hours per deployment using JavaScript, Frontend Tooling.
- Complex product features required rapid validation before full implementation, collaborated with product to prototype, test, and iterate on new features. Validated and launched 5+ complex features, reducing rework and saving weeks of development time.

## EDUCATION

Instituto Politécnico Nacional, Mexico City. B.S. in Computer Systems Engineering August 2009 - August 2013

## OTHER

**Languages:** English: Professional Spanish: Native.

**Soft Skills:** Technical Leadership, Cross-functional Collaboration, Mentorship, Effective Communication, Problem Solving, Critical Thinking, Adaptability, Attention to Detail, User Focus, Teamwork, Innovation, Project Management, Agile Methodologies.