

# CARLOS OCTAVIO GOMEZ MENDOZA | SR FRONTEND DEVELOPER

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## PROFESSIONAL SUMMARY

Senior Frontend Developer with 10+ years of experience building scalable web applications using React, TypeScript, and modern JavaScript frameworks. Experienced in architecting solutions from scratch, leading UI migrations, and delivering well-tested code through CI/CD pipelines. Proven track record in both technical leadership and hands-on development, complemented by valuable Back-End experience across the healthcare, aviation, telecommunications, and enterprise sectors.

## TECHNICAL SKILLS

**Frontend:** React • Next.js • TypeScript • JavaScript (ES6+) • HTML5 • CSS3

**State & UI:** Redux • Zustand • Material UI • Chakra UI • Tailwind • Styled Components

**Testing & Tools:** Vitest • Jest • Testing Library • Cypress • Vite • Webpack • NPM • Yarn

**DevOps:** Docker • Azure DevOps • GitHub Actions • CI/CD • Git • Agile/Scrum

**Backend & DB:** Node.js • Express • GraphQL • REST • MongoDB • PostgreSQL • MySQL • Firebase

## PROFESSIONAL EXPERIENCE

**KMS Technology** - Senior UI Developer | Aug 2025 - Jan 2025

- Architected **Rugged Robotics** 2D canvas layout editor from scratch using React, TypeScript, and Pixi.js for construction layout editing and robotic printing
- Established development environment with Vite, ESLint, and a comprehensive testing suite (Vitest, Testing Library)
- Implemented Zustand state management for complex editor interactions and undo/redo functionality

**Tech:** React, TypeScript, Zustand, Pixi.JS, Material UI, Vite, Vitest, GitHub Actions

**SSTECH** - Lead UI Developer | Feb 2023 - Jan 2025

- Led React migration of legacy ERP systems (IMS, RAMS), improving performance and maintainability across multiple platforms
- Managed UI repositories with strict code reviews, mentored 3 junior developers, and enforced coding standards
- Implemented Azure DevOps CI/CD pipelines and coordinated releases across multiple environments
- Redesigned healthcare clinic UI (Ascend Rehab) with Material UI, optimizing form workflows and responsive design

**Tech:** React, TypeScript, Next.js, Material UI, Styled Components, Testing Library, Azure DevOps

**Globant** - Senior Frontend Developer | Oct 2020 - Sep 2022

- Developed **United Airlines** pre-flight ordering UI with complex payment flows, achieving 85%+ test coverage with Jest
- Enhanced **Quantcast** campaign management platform with GraphQL integration for analytics dashboards and data visualization

**Tech:** React, Redux, SASS, Styled Components, Jest

#### **Nextiva** - Frontend Developer | Dec 2018 - Sep 2020

- Developed a visual IVR Call Flow manager using D3.js for real-time call routing configuration.
- Enhanced real-time messaging UI with WebRTC for audio/video calls
- Implemented E2E testing suite using Cypress and WebDriver IO for critical communication features

**Tech:** React, Redux, D3.js, SASS, Cypress, WebDriver IO, Docker

#### **Indiefy** - Team Lead & Software Engineer | May 2018 - Dec 2018

- Led 4 developers maintaining a music distribution platform, migrated Angular to React, improving performance and UX
- Maintaining RESTful APIs with Node.js and MongoDB to handle high-traffic media uploads,

**Tech:** React, Angular, Node.js, Express, MongoDB

#### **Earlier Experience** - Software Engineer | 2013 – 2018

- **Svitla (2017-2018):** IAM platform UI with Ember.js
- **EPAM (2015-2017):** Banking & aviation apps with React
- **Netmark (2015):** Banking web app with Angular, Java, Oracle DB
- **Itexico (2014-2015):** Verizon gamify app & Government CRM with Angular / Titanium
- **Dalton (2013-2014):** Dealership scheduling systems with jQuery, PHP, MySQL, Visual Basic, SQL Server

## EDUCATION & CERTIFICATIONS

**BS Computer Information Systems** - UNISITE Universidad de Tecnologías Digitales (2008-2012)

**Certifications:** Titanium Certified Developer (2014) • Microsoft Office Specialist - Access (2010)

## LANGUAGES & KEY STRENGTHS

**Languages:** Spanish (Native) • English (Advanced - Professional Working Proficiency)

**Code Quality:** ESLint configuration • Pre-commit hooks • Comprehensive testing strategies (unit, integration, e2e)

**Leadership:** Technical mentoring • Code reviews • CI/CD pipeline implementation • Cross-functional collaboration