

Emmanuel Villegas

Medellin, Colombia · [linkedin.com/in/emmanuel-villegas-84a622101](https://www.linkedin.com/in/emmanuel-villegas-84a622101) · +57 3205717925 · emma123villegas@gmail.com

Full-Stack Engineer with over 10 years of experience specializing in React, React Native, and scalable backend systems. Passionate about creating meaningful, pragmatic solutions that improve user and business outcomes. Skilled at leading remote, cross-functional teams, simplifying complex systems, and driving product delivery with impact and technical excellence.

EXPERIENCIA PROFESIONAL

Mevuelo

Senior Software Engineer

Montevideo, Uruguay

remoto

Jul 2024–Present

- Designed and built a multi-tenant CRM platform adopted by multiple agencies under a unified ecosystem.
- Centralized communication channels (email, calls, and WhatsApp) into a single messaging hub with workflow automation for lead and case assignment.
- Built a fully custom IVR system using only Twilio's Voice API, implementing from scratch the logic for call routing, agent availability tracking, and queue management — achieving scalable voice automation without having to rely too heavily on other external tools.
- Architected backend services with NestJS, PostgreSQL, Redis, and WebSockets for real-time collaboration.
- Improved overall platform performance and reliability, ensuring a smooth experience for end users at scale.

Nowsta

Senior Software Engineer

New York, USA

remoto

Mar 2022–Apr 2024

- Maintained and evolved a large-scale staffing and scheduling platform serving thousands of users daily.
- Refactored legacy modules into more modern practices, improving maintainability and performance.
- Reduced key page load times from 15 minutes to under 30 seconds through targeted optimizations and caching strategies.
- Designed and implemented a rate-management system for position-based pricing, allowing dynamic configuration of pay rates and improving internal visibility and consistency across teams.
- Mentored engineers, contributed to architecture planning, and ensured smooth collaboration across cross-functional teams.
- Advocated for clean code, testing culture, and consistent version control practices across the organization.

Overactive

Software Engineer

Montevideo, Uruguay

remoto

Apr 2021–Mar 2022

- Built and maintained a real estate platform using Next.js, React and React native, connecting realtors and property sellers.

- Collaborated on UI/UX design and developed reusable front-end components across multiple applications in a monorepo setup.
- Wrote maintainable, extensible code, improving performance and fixing bugs within tight sprint cycles.
- Contributed to architectural decisions, mobile app integrations, and CI/CD implementation

Globant

Senior Software Engineer

Medellin, Colombia

Feb 2019–Apr 2021

- Developed React/Redux and GraphQL applications for international clients, enhancing responsiveness and UX.
- Proactively participated in meetings to identify workflow improvements and new practices.
- Designed and implemented proofs of concept, automated builds with Jenkins CI, and improved system performance.
- Coached junior developers and conducted code reviews to ensure clean, maintainable codebases.
- Collaborated on architecture and design system components that improved scalability and team productivity.
- Helped enhance clients' e-commerce platforms' mobile responsiveness, directly boosting conversion rates.

Condor Labs

Full-Stack Developer

Medellin, Colombia

Nov 2017–Feb 2019

- Built applications for the U.S. health sector: user credentialing, license tracking, document storage under compliance constraints.
- Implemented contract-driven testing and migrated Oracle stored procedures into Node.js microservices.
- Fixed bugs in existing websites and worked closely with clients to resolve technical issues and refine features.
- Maintained test coverage and applied best coding practices to ensure reliable and scalable applications.
- Led a small team, presented knowledge-sharing sessions, and coordinated with clients from requirements to delivery.

Capatech

Software developer

Medellin, Colombia

May 2016–Oct 2017

- Developed responsive web applications and intranet solutions using ReactJS, Redux, Angular 2, and vanilla JavaScript.
- Automated product lifecycle processes using SharePoint APIs and built document management tools.
- Developed a WCF Remote Event Receiver Service hosted in Microsoft Azure for SharePoint document libraries.
- Created PowerShell scripts for automation in Office 365 environments.
- Designed and implemented multiple web applications, including news portals and internal business tools.
- Collaborated with IT leads to provide progress reports and deliver reliable, maintainable software on time.

EDUCACIÓN

Instituto tecnologico metropolitano ITM
Ingeniería de Informática

Medellin, Colombia
Nov 2017

SKILLS ADICIONALES

- Native in Spanish. Fluent in English.