

Carlos Javier Diaz Flores

Senior Fullstack Engineer · Node.js · React · TypeScript

📍 Guadalajara, Jalisco, MX ✉ carlosdiaz.dev@gmail.com ☎ 33 1630 9019

🌐 www.carlosdiaz.dev [in cardiadev](#) [cardiadev](#) [X cardiadev](#) [cardiadev](#)

Profile

Senior Fullstack Engineer with 6+ years building production web applications in the Node.js / React / TypeScript ecosystem. I own features end-to-end — REST/GraphQL APIs and MongoDB on the backend, component-based UIs on the frontend, deployed to AWS with Docker and Kubernetes. Currently shipping HIPAA-compliant features for a US healthcare SaaS in self-managed Scrum teams, integrating LLMs and embeddings into core product workflows. Curious, self-directed, and bilingual (English/Spanish) — I collaborate openly and consistently leave code better than I found it.

Experience

Improving, Senior Fullstack Developer · Software Specialist

Embedded full-time in Cariloop (US healthcare & caregiving SaaS, HIPAA-compliant workflows), delivering end-to-end features across a TypeScript microservices platform within self-managed Scrum teams.

Guadalajara, Jalisco, MX

Feb 2022 – present

4 years 6 months

- Architected and shipped full-stack features end-to-end, building Node.js backends (NestJS, Loopback, Express) with MongoDB data layers and REST/GraphQL APIs consumed by web clients.
- Engineered modern component-based UIs in TypeScript (React, Angular 16→21), partnering directly with UX/UI designers to deliver accessible interfaces compliant with WCAG 2.2.
- Built and maintained a company-wide component library and design system in Storybook, adopted across the majority of the platform's microservice repositories to standardize UI and eliminate duplicate work.
- Containerized and deployed services with Docker and Kubernetes under Trunk-Based Development, streamlining CI/CD pipelines for faster, safer releases.
- Integrated AI into core product workflows — generating vector embeddings to power AI-driven semantic search — and actively contribute to company-wide AI initiatives, accelerating delivery with AI pair-programming tools (Claude, GitHub Copilot).
- Adopted Bun alongside Node.js to speed up builds and developer tooling, and drove code quality through unit testing, code review, and pair programming.
- Collaborated with product and design partners on roadmap and product decisions, translating business requirements into technical solutions and contributing to internal tech talks and continuous-improvement initiatives.

IBM Mexico, UX/UI Designer

Contributed to the IBM Carbon Design System, collaborating with designers and engineers around the world to ship enterprise-grade, highly efficient, and accessible products.

Guadalajara, Jalisco, MX

Feb 2021 – July 2021

6 months

- Contributed to the IBM Carbon Design System — IBM's open-source, enterprise-grade design framework — designing, documenting, and maintaining reusable UI components and usage guidelines adopted by product teams across IBM worldwide.
- Partnered closely with designers and developers around the globe, bridging design and engineering to deliver consistent, highly efficient, and WCAG-accessible experiences at enterprise scale.
- Led the migration of design assets from Sketch to Figma, improving consistency and enabling real-time collaboration across distributed teams.
- Built UX flows and high-fidelity prototypes for web and mobile, applying IBM Design Language principles end-to-end.

Education

- M.S. in IT** **Universidad de Guadalajara**, Information Technology | MTI
Graduate program in IT management, software engineering, and applied technology. Guadalajara, Jalisco, MX
Aug 2023 – Aug 2025
- B.Eng.** **Universidad de Guadalajara**, Multimedia Communication Engineering
• Multidisciplinary engineering program covering web development, audio, video, graphic design, animation, and multimedia production. Puerto Vallarta, Jalisco, MX
Aug 2007 – Dec 2011
- Cert.** **BEDU**, FullStack JS, Bootcamp
• Built full-stack applications with the MERN stack: React, Node.js, Express, MongoDB, Mongoose, and modern JavaScript. Guadalajara, Jalisco, MX
Aug 2019 – Dec 2019
- Cert.** **BEDU**, UX / Front-End Bootcamp
• Intensive training in UX research and design, frontend development, and the MERN stack. Guadalajara, Jalisco, MX
Feb 2019 – Aug 2019

Technical Skills

Backend: Node.js, NestJS, Express, Loopback, Bun, REST APIs, GraphQL, MongoDB, PostgreSQL
Frontend: React (Hooks), Next.js, TypeScript, JavaScript (ES6+), Angular, Tailwind CSS, SASS, HTML5, CSS3
Cloud & DevOps: AWS, Docker, Kubernetes, Microservices, CI/CD pipelines, Git/GitHub, Linux
AI & LLMs: LLM integration, embeddings & semantic search, GitHub Copilot, Claude, Cursor, prompt engineering
Design & UX: Design Systems, Storybook, Figma, UX/UI, Accessibility (WCAG 2.2), IBM Carbon Design System
Methodology: Scrum (Scrum.org certified), Agile, Code Review, Pair Programming

Soft Skills

Collaboration & Teamwork: Team-first mindset across product, design, and engineering; open communication, mentoring, and pair programming.
Curiosity & Continuous Learning: Self-driven learner (currently pursuing AWS certifications); quick to research unfamiliar domains and find better solutions.
Ownership & Initiative: Self-directed and proactive; focused on real business value and leaving every codebase better than I found it.
Communication & Positivity: Clear bilingual (EN/ES) communicator who brings energy to the team and works smoothly with US-based clients and distributed peers.

Community & Speaking

Speaker — TalentLand / DevelopLand 2023: Took the stage at one of Latin America's largest tech events, sharing knowledge and my passion for software development after years of attending as an enthusiast.
Guest speaker for universities (via Improving): Deliver talks to students, giving back to the local tech industry and connecting academia with real-world engineering practice.
Active tech community member: AWS User Group Jalisco, KCD Guadalajara, PosaDev, and AWS Community Day (Guadalajara 2024, CDMX 2025).

Certifications

Professional Scrum Developer™ I (PSD I): Scrum.org — May 9, 2025 · [View credential](#)
Professional Scrum Master™ I (PSM I): Scrum.org — Oct 28, 2022 · [View credential](#)
Professional Scrum™ with User Experience I (PSU I): Scrum.org — Feb 24, 2023 · [View credential](#)
AWS Academy Graduate - Cloud Foundations: Amazon Web Services (AWS) — Apr 9, 2024 · [View credential](#)
AWS Academy Graduate - Machine Learning Foundations: Amazon Web Services (AWS) — Oct 25, 2024 · [View credential](#)

Languages

English: Full Professional Proficiency (B2+ / C1 threshold) — working daily with US-based clients and teams
Spanish: Native