

Ivan Martinez

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Full Stack Developer with 4+ years building production-grade SaaS platforms using React, Node.js, NestJS, and Next.js. Currently Tech Lead at Redlizard Studios, owning end-to-end architecture of a multi-tenant platform built from scratch. Experienced in scalable backend systems, complex third-party API integrations, and full infrastructure ownership — from database design to cloud deployment.

PROFESSIONAL EXPERIENCE

Redlizard Studios Inc. Canada (Remote)

Tech Lead & Full Stack Developer *September 2025–Present*

- Promoted to Tech Lead after 3 months; led full architecture of a multi-tenant SaaS for document and compliance management in heavy transport, built from scratch with subdomain-based tenant isolation via Cloudflare.
- Engineered dynamic Stripe billing engine: tier-based pricing algorithm driven by active/new/archived driver counts, T+3 invoice scheduling, payment method management, and DB invoice snapshots.
- Implemented async notification pipeline (Twilio SMS + Postmark email) with Redis-backed queues and retry logic; led legacy data migration from monolithic to modular schema.

Stack: React · Next.js · NestJS · PostgreSQL · Prisma ORM · Redis · Stripe · Twilio · Postmark · Keycloak · Cloudflare · Docker · Linux · CI/CD

Nacer Digital Remote

Full Stack Developer *February 2025–January 2026*

- Built real-time persistent chat (Firestore) with full conversation continuity across workflow stages (bid → contract → active work) on a multi-role freelance marketplace; designed a multi-role rating system with star-distribution chart and weighted average for dual-role users.
- Replicated full AWS production environment for staging from scratch: Amplify (frontend), Elastic Beanstalk (backend), RDS, SSL certificates, and DNS routing.
- Implemented event-sourcing table pattern as a domain-agnostic action queue; developed dispute resolution flows, milestones, time logs, and service provider profiles on a legacy codebase.

Stack: React · Next.js · NestJS · PostgreSQL · TypeORM · BullMQ · Firestore · Stripe · AWS (Amplify, Elastic Beanstalk) · Docker · Bitbucket Pipelines · CI/CD

Iventiva Cochabamba, Bolivia

Software Engineer *April 2023–February 2025*

- Designed automated email notification pipeline: 3 flows × 3 retries = up to 9 scheduled emails per user, covering identity verification, bank authentication, and mortgage assessment for a cross-border real estate SaaS (US & Canada) with country-specific third-party providers.
- Reduced a critical DB query from 28s → 3.5s (~87% improvement) via schema redesign, N+1 ORM elimination, and materialized views on a Ruby on Rails application.
- Integrated third-party services for identity verification, bank data validation, and creditworthiness evaluation; managed Heroku deployments, DB migrations, and production incident response.

Stack: React · Next.js · Gatsby · NestJS · GraphQL · PostgreSQL · Sequelize · Ruby on Rails · Heroku

Fundación Jala Cochabamba, Bolivia

Full Stack Developer, Intern *January 2022–January 2023*

- Built full-stack features across internal projects applying SOLID principles, design patterns, and clean architecture in Agile/Scrum teams.

Stack: JavaScript · React · Java · Spring Boot · PostgreSQL · Docker · GitLab CI/CD

EDUCATION

UNIVERSIDAD MAYOR DE SAN SIMÓN Cochabamba, Bolivia

Bachelor's Degree · Computer Science / Informatics Engineering *2017–2022*

SKILLS

- **Frontend:** React · Next.js · Gatsby · TypeScript · JavaScript · HTML5 · CSS
- **Backend:** Node.js · NestJS · GraphQL · REST APIs · Ruby on Rails
- **Databases:** PostgreSQL · Redis · Prisma ORM · TypeORM · Sequelize
- **DevOps & Cloud:** AWS (Amplify, Elastic Beanstalk) · Docker · Linux · pm2 · Heroku · CI/CD · Bitbucket Pipelines · Cloudflare
- **Integrations:** Stripe · Twilio · Postmark · Keycloak · Firestore · BullMQ · Google OAuth
- Native Spanish · Professional working proficiency in English