

# KEVIN RINCÓN

## Full Stack Developer

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### PROFESSIONAL SUMMARY

Full Stack Developer with 3+ years building scalable web applications using React, Next.js, Node.js, and PostgreSQL. Currently co-founding FailFast, an AI-powered ERP startup where I lead technical architecture and full-stack development. Proven track record designing database architectures, implementing authentication systems, and optimizing frontend performance using modern design patterns. Experienced in remote collaboration, Agile methodologies, and delivering production-ready solutions for startups and government entities.

### TECHNICAL SKILLS

**Languages & Core:** JavaScript (ES6+), TypeScript, Python, PHP, SQL, HTML5, CSS3

**Frontend:** React, Next.js, Tailwind CSS, Responsive Design

**Backend:** Node.js, FastAPI, Express.js, RESTful APIs, PL/pgSQL

**Databases:** PostgreSQL, MongoDB, Supabase, Prisma ORM

**DevOps & Tools:** Git, GitHub, Vercel, AWS, Render, Docker, Nginx, n8n, LangGraph

**AI/Automation:** LangChain, n8n workflows, AI agent orchestration

### PROFESSIONAL EXPERIENCE

#### Co-Founder & Full Stack Developer

*FailFast (Startup)* / August 2024 – December 2025

Bogotá, Colombia (Remote)

Leading technical development of an AI-powered intelligent ERP that enables companies to design and automate custom workflows, agents, and modules. Combining technical leadership, full-stack development, architecture design, and product vision.

#### Technical Development:

- Architected and developed end-to-end core modules including dynamic form builder and metadata-driven table generation system, reducing manual configuration time by 60%
- Designed and maintained PostgreSQL database models, stored procedures, and PL/pgSQL functions supporting 1,000+ concurrent operations
- Refactored frontend codebase applying Screaming Architecture, design patterns, and SOLID principles, improving code maintainability and reducing technical debt by 40%

#### AI & Automation:

- Built AI agent workflows using n8n and LangGraph, automating internal tasks and ERP processes, reducing manual work by 35 hours/week
- Integrated conversational AI agents for data analysis, contextual support, and automated action execution

#### **Leadership & Management:**

- Led development team of 4 engineers: defined workflows, implemented GitHub Flow, and designed clear issue-tracking system improving sprint velocity by 25%
- Actively participated in product strategy, architecture decisions, and startup growth planning
- Developed FailFast.ai landing page optimized for SEO and performance, achieving 95+ Google PageSpeed score

**Technologies:** Next.js, TypeScript, PostgreSQL, Prisma, n8n, LangGraph, Tailwind CSS, Vercel

#### **Full Stack Developer**

*Overwatch Co. - Crystal3D* / September 2024 – November 2024

Bogotá, Colombia

Developed interactive 3D web platform with authentication, payment processing, and subscription management system.

- Built frontend with Next.js implementing dynamic routing, SSR, and reusable component architecture, achieving 90+ Lighthouse performance score
- Implemented modern authentication with Clerk including OAuth social login, reducing user onboarding friction by 40%
- Configured PostgreSQL database with schemas for users, subscription plans, and transactions supporting 500+ active users
- Integrated Wompi payment gateway for monthly/annual subscriptions with webhook handling and state synchronization, processing 100+ transactions
- Designed complete SaaS subscription flow including validations, automatic renewals, and plan management

**Technologies:** Next.js, PostgreSQL, Clerk, Wompi API, TypeScript, Tailwind CSS

#### **Full Stack Developer**

*Overwatch Co. - Event +* January 2024 – Present

Remote

Developed web application for managing public events (concerts, conferences) with integrated photographic documentation and automatic evidence format generation.

- Architected PostgreSQL database and implemented schema using Prisma ORM, optimizing query performance by 60%
- Developed full-stack application using Next.js, TypeScript, Prisma, and Tailwind CSS supporting 1M+ daily active users
- Collaborated with design team to create intuitive and aesthetically pleasing interfaces, achieving 98% mobile usability score
- Built key features including event management, photographic records, and automatic evidence format generation reducing documentation time by 70%

**Technologies:** Next.js, TypeScript, PostgreSQL, Prisma, Tailwind CSS

#### **Web Application Developer**

*Kids Place / April 2024 – June 2024*

Remote

Internal web application for attendance tracking, student management, courses, and payment processing.

- Designed and implemented PostgreSQL database using Prisma ORM with role-based access control for 3 user types
- Gathered client requirements and translated into technical specifications
- Developed web application using Next.js, TypeScript, Prisma, and Tailwind CSS
- Built role-based authentication system with permissions management
- Created payment management module for monthly tuition tracking by guardians

**Technologies:** Next.js, TypeScript, PostgreSQL, Prisma, Tailwind CSS

### **Systems Engineer**

*Gobernación de Santander / January 2023 – July 2023*

Bucaramanga, Colombia

Designed Electronic Document Management System (SGDEA) for citizen complaints (PQRSD) and regulatory compliance.

- Analyzed entity requirements and related regulations for document management system
- Designed system architecture adjusted to entity needs and compliance requirements
- Designed technological infrastructure and selected technologies for future system implementation
- Created comprehensive system documentation including architecture diagrams and workflow processes

**Technologies:** System Architecture, Database Design, Regulatory Compliance

### **Full Stack Developer**

*Universidad de Investigación y Desarrollo (UDI) / June 2023 – November 2023*

Bucaramanga, Colombia

Created web application solving technical-administrative problems for educational institutions.

- Conducted requirements gathering and stakeholder interviews
- Designed architecture and created diagrams documenting system components and behavior
- Developed frontend using React and backend using FastAPI with PostgreSQL database
- Deployed application to production environment supporting 500+ concurrent users

**Technologies:** React, FastAPI, PostgreSQL, System Architecture

## **EDUCATION**

### **Bachelor's Degree in Systems Engineering**

Universidad de Investigación y Desarrollo (UDI) | 2023

### **Diploma in Web Application Development**

Universidad El Bosque

## **LANGUAGES**

**Spanish:** Native   **English:** Professional Working Proficiency