Andres Correa

AI-Driven Full Stack Developer | Remote - Ready | NET 8, React, and DevOps
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Portfolio: https://andres-j-correa.github.io/DevPortfolio/

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Summary

Remote-ready Full Stack Developer (**2+ years experience**) specializing in AI integration and scalable web architectures using **React, .NET 8, and TypeScript**. Proven track record in architecting multi-tenant ERP solutions and deploying AI platforms (**OpenAI**), reducing manual workload by **30%**. Deep expertise in Cloud/DevOps (**Github Actions , Docker, CI/CD**) and implementing robust, role-based security.

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Experience

Co-Founder And Lead Software Developer

- **Cabaña Gaia Rodadero**   **Oct, 2021 - Present**
  - **Architected** and **deployed** a scalable, multi-tenant ERP system (.NET 8/React), streamlining operations for bookings, CRM, and financial tracking.
  - **Engineered** a high-performance financial reporting module utilizing optimized MySQL stored procedures to calculate real-time metrics (RevPAR, P&L), significantly reducing complex aggregation time.
  - **Implemented** secure Role-Based Access Control (**RBAC**) using **JWT** and **BCrypt**, ensuring data privacy across diverse staff roles.
  - **Built** a responsive, multi-lingual (**i18n**) frontend with React/TypeScript, implementing Recharts for interactive KPI visualization.
  - **Integrated AWS S3** for scalable media storage and leveraged **Google reCAPTCHA v3** to enhance system security and rate limiting.

Project Experience (ForexFinder)

- **Personal Project**   **Sep, 2025 - Nov, 2025**
  - **Engineered** a high-performance geospatial search engine leveraging **PostGIS**, achieving **sub-second latency** for location-based currency exchange discovery.
  - **Implemented** a secure "Location Token" system to prevent fraud, using signed **JWTs** and **Argon2 hashing** to cryptographically verify physical location.
  - **Developed** a high-fidelity mobile UI (React Native/Expo) featuring smooth gestures, bottom-sheet navigation, and **Reanimated** for premium user experience.

Full Stack Software Developer

- **Sabio Enterprises Inc.**   **Mar, 2023 - May, 2025**
  - **Architected** and **deployed** an AI-based technical interview platform (OpenAI's Whisper/GPT-4 integration), reducing manual recruiter workload by **30%** via real-time feedback generation.

- ○ **Engineered** prompt optimization strategies for GPT model training, achieving **90%+ task-specific accuracy** for technical assessments.
- ○ **Optimized** core SQL database structure through indexing and query refinement, resulting in a **15% improvement** in critical data retrieval times.
- ○ **Developed** and maintained resilient **RESTful APIs** using **.NET Core** and **SOLID principles**, leading to a **20% reduction in bug incidents**.

Collections Analyst

- ● **Holcim ABS**   **Dec, 2019 - Dec, 2021**
  - ○ Developed an analytical reporting tool utilizing VBA macros and Excel, boosting outstanding balance collections by 30%.

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Skills
- ● **DevOps & Cloud:** Docker, AWS S3, Azure Cloud Services, CI/CD, GitHub Actions, Nginx, VPS Management, SSH.
- ● **Backend & Core Languages:** C#, .NET Core (ASP.NET 8), Node.js, NestJS, ExpressJS, TypeScript, SQL, JWT, REST APIs.
- ● **Frontend & Mobile:** ReactJS, React Native, Next.js, Redux, Expo, Responsive Design.
- ● **Databases & Data Stores:** PostgreSQL, MySQL, MariaDb, PostGIS, Optimized Stored Procedures.
- ● **Testing & Tools:** Git, GitHub, Jest, xUnit, VS Code, Visual Studio, Postman, Agile Methodologies, TDD, Agentic Development, Prompt Engineering.

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Education:
- ● **Full Stack Software Engineer**   **Dec, 2022 - Mar, 2023**
  - ○ *Sabio School of Software Engineering - Remote.*
- ● **Bachelor of Mathematics**   **2013 - 2016**
  - ○ *Francisco De Paula Santander University, Cúcuta, Colombia.*

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Certifications:
- ● [Full Stack Software Engineer Certificate](#)

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Languages:
English (Proficient - C1), Spanish (Native)