

Santiago Alessandro Rivera Martínez

FULL-STACK SOFTWARE ENGINEER

Monterrey, Nuevo León, Mexico • +52 81 8799 6456 • saitiago@protonmail.com

[LinkedIn](#) • [Credly](#) • [directa.mx](#)

SUMMARY

Full-stack software engineer who designs, builds and ships production web applications end to end. Founder of Directa, a digital agency delivering client websites, e-commerce and automations on a TypeScript and Next.js stack. Five years of hands-on work across web platforms, backend systems and process automation, comfortable across the stack and in the cloud (AWS, Azure). Fluent in English, native Spanish.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, Java, C#, Swift, SQL, HTML/CSS

Frameworks & Libraries: Next.js, React, Node.js, Django, FastAPI, Vue / Nuxt

Cloud & Data: AWS, Microsoft Azure, R / RStudio

Tools & Practices: Git, REST APIs, Agile methodologies, Google Workspace

EXPERIENCE

Founder & Full-Stack Engineer — Directa

2025 – Present

Directa (Digital Agency) · Monterrey, Mexico

- Founded and run a done-for-you digital agency for small businesses; designed, built and deployed the production website at [directa.mx](#).
- Build websites, e-commerce and workflow automations on a TypeScript and Next.js stack; own the full delivery cycle from scoping to maintenance.

Intern — CEMEX

2026 – Present

CEMEX · Monterrey, Mexico

- Support digital and technical workflows at a global building-materials company while completing my engineering degree.

Systems & Web Manager — Moreno Diesel

2023 – Present

Moreno Diesel · Monterrey, Mexico

- Manage the company's online store, website infrastructure and electronic-invoicing systems; implemented backend improvements and integrations that support daily operations.

Developer — Arwen (Discord Bot)

2021 – 2023

Independent Project

- Designed and maintained a large-scale all-in-one Discord bot for automation, moderation and monetization, integrating social, gaming and cryptocurrency APIs.

SELECTED PROJECTS

WhatsApp Multi-Agent Platform — SaaS for automated, multi-agent WhatsApp conversations; Python backend and API integrations.

Trading Analytics Tools — Python tooling for market-data analysis, trade tracking and performance reporting.

EDUCATION

B.S. in Software Development Engineering

2023 – 2027 (expected)

Universidad Tecmilenio, Campus Las Torres · Monterrey, Mexico

High-School Diploma — Bilingual Program

2020 – 2022

Centro de Investigación y Desarrollo en Educación Bilingüe (CIDEB)

CERTIFICATIONS

Universidad Tecmilenio (2025–2026): Full-Stack Development, Cloud Computing, Data Science, Databases, Data Structures (H), Object-Oriented Programming, Operating Systems (H), Network Management (H), Agile Methodologies (H), Probability & Statistics for Data Science, Programming Fundamentals (H), Upper-Intermediate English (H).

AWS: AWS Academy Graduate – Cloud Foundations (2024).

Cisco: Networking Basics (2025), Python Essentials 1 (2024).

IBM: Web Development Fundamentals – SkillsBuild (2025), Data Visualization with R (2024).

H = Honors · Verify all badges at credly.com/users/eccoed/badges

LANGUAGES

English — Fluent (professional working proficiency) • Spanish — Native