



# VINICIO ESPARZA

FULL STACK DEVELOPER

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📍 Aguascalientes

☎ 4961471520

## Profile

FullStack Developer with proven success engineering web and mobile solutions that solve realworld problems. Proficient in JavaScript/TypeScript (Angular, React, Node.js) and .NET Framework (C#), and experienced in crafting RESTful APIs, optimizing SQL/NoSQL databases, and leading Agile teams to predictable delivery. Committed to performance, clean code and usercentred design.

## Employment History

Corporativo Rainde S.A. de C.V. | Full Stack Developer , Corporativo Rainde, Aguascalientes

August 2024 — Present

- **Engineered** responsive web and mobile applications with Angular, React, Ionic and .NETFramework, ensuring high performance and reliability.
- **Architected** RESTful APIs that streamlined data exchange and enlarged system interoperability.
- **Administered** MSSQL, MySQL and Redis environments, safeguarding data integrity and tuning heavy queries (35 % execution time).
- **Orchestrated** biweekly Agile sprints with crossfunctional teams, pushing features from idea to production on schedule and boosting stakeholder satisfaction to 95 %.
- **Modernised** legacy code through SOLID refactors and caching, trimming average pageload time by 45%.

Southwest Naturalists Association (SWAN 2024) | Web Developer (Freelance), SWAN, Aguascalientes

June 2023 — June 2024

- **Conceived** and built the official site for the 71st SWAN Conference with WordPress#Bootstrap, supporting 500+ registrations and >10000 visits during the event.
- **Integrated** custom JavaScript modules and Node.js services that automated registration, accommodation booking and scheduling workflows.
- **Directed** a threedevloper team, delivering the MVP two weeks early and achieving 95 % stakeholder approval.

Universidad Autónoma de Aguascalientes | Systems Maintenance Intern, Universidad autónoma de Aguascalientes , Aguascalientes

August 2022 — August 2023

- **Diagnosed** and resolved defects in a C#/.NET inventory system, maintaining 0 critical incidents throughout the internship.
- **Strengthened** security by patching vulnerabilities and updating dependencies, eliminating 100 % of highrisk findings.
- **Upgraded** performance of a Java + MySQL inventory platform, cutting average query time by 30%

## Links

[Portafolio](#)

[Github](#)

[LinkedIn](#)

## Languages

Inglés



Español



- **Administered** MySQL backups and recovery strategies, ensuring full data availability.

## Education

Bachelor's Degree in Computer Science and Computing Technologies ,  
Universidad Autónoma de Aguascalientes , Aguascalientes

August 2019 — December 2023

B.Sc. in Computer Science and IT

Universidad Autónoma de Aguascalientes | Aug 2019 - Dec 2023

Final Project: Comprehensive Inventory Management System in C#/.NET

## Stack & Skills

- **Languages:** JavaScript/TypeScript, C#, Python, Java, SQL/PLSQL
- **FrontEnd:** Angular, React, Svelte, Astro, HTML5, CSS3 (Tailwind, Bootstrap)
- **BackEnd:** Node.js (Express), .NET Framework, ASP.NET, REST/GraphQL APIs
- **Databases:** MSSQL Server, MySQL, Redis, Firebase
- **DevOps & Tools:** Git/GitHub, Docker, CI/CD (GitHub Actions), Playwright, Vitest, Jest
- **Practices:** SOLID, Clean Code, MVC, Agile/Scrum

## Projects

- **Spotify Clone** — *Built* a musicstreaming web app with Astro, React & Svelte; features a 30song library and 6 playlists.
- **Monkey Type Clone** — *Crafted* an online typingpractice tool supporting sessions up to 1024 words / 512s, used by 200+ users.
- **Color Palette Generator** — *Deployed* a palette generator offering eight themes and reducing designers' setup time by 30%.
- **Exercise Tracking App** — *Assembled* an Android fitness app with Firebase auth & realtime DB; tracks workouts for 300 + active users.
- **Tailwind Background Library** — *Published* 57 reusable background patterns; accelerates frontend build time by 30 % per project +300 user per month
- **StructureValidatorLib (Java)** — *Engineered* a fluent schemavalidation library inspired by Zod; provides reusable validators, cuts boilerplate by 40%, and ships as a downloadable JAR on GitHub.