

# José Flórez

Full Stack Developer specializing in C#, ASP.NET, and PostgreSQL. Experienced in Clean Architecture, API design, and AI-assisted development workflows

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## Education

- BS Saint Leo University**, BS in Computer Systems Engineering – Tampa, FL Mar 2023 – May 2026
- GPA: 3.81/4.00, Dean's Honor List
- Boot-camp Campuslands**, Bootcamp in Fullstack Development – Floridablanca, Colombia Sept 2024 – June 2025
- Intensive full-stack development program focused on C#, ASP.NET, PostgreSQL, and software architecture

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## Experience

- Planeta IP Comunicaciones SAS ESP**, .NET Engineer – Bucaramanga, Santander, Colombia Oct 2025 – present
- End-to-end backend ownership: PostgreSQL schema design and migrations, API development, integrations, and production readiness
  - Implemented a versioned ASP.NET Core REST API with exception middleware, response standardization, and rate limiting
  - Built cookie-based JWT auth with refresh-token rotation and hashing, plus RBAC with hierarchical policies
  - Performance-focused data layer with Dapper (parameterized SQL, paging/search, CTE reporting queries) and transactional workflows via Unit of Work
  - Refactored PostgreSQL stored functions from hardcoded implementations to dynamic, parameterized versions with layered validation for an emergency management system
  - Led a metric-system lookup backbone that decoupled business logic from hardcoded IDs using semantic metric codes, enabling batch resolution of active question, format, and answer-option IDs in a single request
  - Integrated AI-assisted development workflows (Claude Code, Codex) into daily engineering processes, including architecture planning, code review, and PostgreSQL function design

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## Projects

- Task List Web App** Mar 2023  
Fullstack Developer (Python / Flask / SQLite)
- Developed a task management web application using Python and Flask with SQLite for persistent storage, deployed on PythonAnywhere
- SpaceX Explorer App** Jan 2025  
Mobile Developer (Kotlin / Jetpack Compose / API Integration)
- Developed a native Android app to explore SpaceX data via the public API (v4) using Clean Architecture, Hilt, and Kotlin Coroutines

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## Skills

**Languages:** C#, Python, JavaScript, HTML/CSS, SQL, Kotlin

**Frameworks & Libraries:** ASP.NET Core, Flask, Jetpack Compose, Dapper

**Architectures & Patterns:** Clean Architecture, Hexagonal Architecture, Unit of Work, Singleton, Factory, Strategy, RBAC

**Databases:** PostgreSQL (stored functions, CTEs, migrations), MySQL, SQLite

**Tools & Infrastructure:** Git, GitFlow, Docker, PythonAnywhere

**AI-Assisted Development:** Extensive experience integrating AI tools into professional workflows: Claude Code, Codex, prompt engineering, AI-driven code review, and AI-assisted architecture planning