Andres Perez

Fort Pierce, FL | 561-213-7707
https://andresperezcodes.dev/
AndresPerez.Developer@Gmail.com
https://www.linkedin.com/in/developer327/

SUMMARY

- Software Developer with 4+ years of experience building secure, scalable applications in .NET, iOS, and Android across healthcare, education, and government.
- Engineered and deployed a cross-platform video call app connecting hospital patients with loved ones via Smart TVs — **reducing isolation and improving patient satisfaction**, featured on **CBS News**.
- Led the integration of **three medical databases** into a unified .NET system, improving healthcare staff efficiency and patient care delivery.
- Contributed to backend development and testing in a team-led migration to ACI, enhancing payment reliability and reducing insurance costs by $1M annually.
- Migrated enterprise codebases from .NET 7 to .NET 8 and resolved LINQ compatibility issues related to breaking changes in SQL Server.

PROFESSIONAL EXPERIENCE

Columbia Southern University   Orange Beach, AL
ASP.NET | T-SQL Developer   April 2024 - Present

*Columbia Southern University is an accredited online university serving over **18,000 students** with a staff of 300+, offering degree programs to students across the U.S.*

- Work as part of a four-person team maintaining the ASP.NET Core-based School Portal, occasionally overlapping with a separate team that manages **Omega** (VB.NET), the internal system used by the university.
- Worked closely with university staff to implement new features, fix bugs, and optimize workflows impacting billing, enrollment, and student communication.
- Supported a university portal used by **18,000+ students**, implementing new payment features and stored procedure updates for billing workflows.
- Created and maintained **T-SQL stored procedures** and SQL queries used by hundreds of employees, streamlining support operations.
- Developed new portal functionality that triggers email notifications to students when **billing changes** occur, improving transparency and reducing support tickets.
- Managed thorough testing workflows for every release, including **change documentation** and regression testing across dev and staging environments.
- Delivered feature updates in **biweekly release cycles**, aligned with Agile ceremonies and sprint planning with cross-functional teams.

MDM Commercial (JourneyPX Division)   Ponte Vedra Beach, FL
C# .NET | iOS | Android Developer   August 2022 - January 2024
JourneyPX is a healthcare technology division within MDM Commercial focused on patient experience. Its solutions serve hospitals across the U.S., including St. Anthony's Hospital.

- **Served as the sole iOS and Android developer on the JourneyPX team**, building a cross-platform mobile app that enabled hospital patients to video call loved ones through Smart TVs.
- App featured on **CBS News**, highlighting its impact in connecting new mothers to family remotely in hospital maternity units.
- Created native **Swift (iOS)** and **Java (Android)** apps and **Azure Notification Hubs** for push notifications.
- Engineered **dynamic deep links**, enabling a single link to route users to the correct App Store or fallback web page based on device.
- Migrated production codebase from **.NET 7 to .NET 8**, resolving breaking changes with SQL Server and optimizing **LINQ .Contains( )** queries.
- Developed front-end UI using **XAML**, backend logic in **C#**, and integrated **APNs** (Apple) and **GCM** (Google) for mobile messaging.
- Enhanced hospital-family communication while meeting HIPAA requirements for data privacy and security.

UCS-Inc   Fairfax, VA
C# .NET Developer   April 2022 - July 2022
UCS-Inc supports U.S. government clients with enterprise-level software systems, including those used across Military Health Systems (MHS).

- Built and maintained stored procedures supporting a system that tracked **over 100,000 Marines and Sailors**, streamlining readiness tracking.
- Collaborated on the **LIMDU SMART system** for the U.S. Navy — a platform supporting readiness tracking in military hospitals.
- Security clearance **granted July 14, 2022**, to work with sensitive healthcare and personnel data.
- Used **C#, Entity Framework, and SQL Server** to build and maintain backend services; updated stored procedures and data logic.
- Conducted daily standups and contributed to Agile sprint planning using **Azure DevOps and Jira**.
- Used **Visual Studio**, Git, and pull requests to manage code deployments into secure environments.
- Actively debugged workflows and delivered fixes to improve system accuracy and reduce manual intervention by staff.

Insuresoft   Tuscaloosa, AL
VB.NET Developer   February 2021 - April 2022
Insuresoft builds insurance software solutions for Property and Casualty (P&C) carriers nationwide, supporting millions in premiums and claims processing.

- Maintained and extended Product Extensions and rating systems using Visual Basic .NET and SQL Server.
- Created and updated logic for Comparative Rater tools that calculated premiums, credits, and quotes for agents.
- Collaborated with analysts to translate client requirements into backend logic, including rating tables and policy rules.
- Debugged and resolved issues blocking quote generation, reducing escalations from insurance agents, and improving quote accuracy.
- Worked within a full-stack environment using VB.NET, JavaScript, HTML/CSS, XML, and deployed projects via Azure.

EDUCATION
LaunchCode LC101: *Coding Bootcamp*   2019 - 2020

Treehouse: *Front-End Tech Degree*   2019 - 2019

Palm Beach State College: *Associate of Arts*   2013 - 2015

TECHNICAL SKILLS
Languages: C#, Visual Basic, Swift, Java, HTML, CSS, JavaScript, T-SQL
Frameworks: .NET Core, ASP.NET, .NET MAUI, SwiftUI, Razor, jQuery
Mobile: iOS, SwiftUI, Android, SwiftData, Firebase, APNs, GCM
Databases: Microsoft SQL Server, MySQL, Azure SQL
Tools: Visual Studio, Xcode, Android Studio, Git, Azure DevOps, Jira
Other: Deep Linking, Push Notifications, Stored Procedures, REST APIs, LINQ

Portfolio Site: https://andresperezcodes.dev/