

# Andrés Alpízar Díaz

## Backend Developer | .NET & Java

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### PROFESSIONAL SUMMARY

Backend Developer with a strong focus on .NET and Java, holding a Bachelor's Degree in Systems Engineering (graduation pending). Experienced in building REST APIs and web applications using layered architecture and the MVC pattern with ASP.NET Core and Spring Boot. Skilled in relational database management, frontend-backend integration, version control with Git, and working in agile environments.

### TECHNICAL SKILLS

- **Programming Languages:** C#, Java, SQL, TypeScript, Python
- **Backend Frameworks:** ASP.NET Core (.NET), Spring Boot
- **Architecture & Design:** RESTful API Design, Layered Architecture, MVC Pattern
- **Databases:** SQL Server, PostgreSQL, MySQL
- **Frontend:** HTML, CSS, JavaScript, React, Next.js, Tailwind CSS
- **Tools & Practices:** Git, GitHub, Postman, Agile (Scrum)

### FEATURED PROJECTS

#### KinderCare – Management System for Childcare Center

May 2024 – Apr 2025

Software Developer (.NET)

- Developed a full-stack web application using C# and ASP.NET Core, applying layered architecture and the MVC pattern.
- Designed RESTful APIs and implemented role-based access control (teacher, parent, student).
- Implemented secure authentication with BCrypt password hashing.
- Designed and managed a relational database using SQL Server.
- Integrated SMTP-based email services for password recovery functionality.
- Implemented an interactive calendar using FullCalendar with custom UI enhancements.
- Collaborated using Git and GitHub in a supervised development environment with continuous feedback.

#### Hackathon FlightOnTime – Flight Delay Prediction Platform

Dec 2025 – Jan 2026

Backend Developer (Full Stack Collaboration)

- Developed backend services using Java and Spring Boot to expose RESTful APIs for real-time flight delay predictions.
- Integrated a Python-based microservice serving the machine learning model.
- Ensured stable backend-frontend integration and service reliability.
- Collaborated in an agile Scrum environment using Git and GitHub.
- Ranked in the top 20% among 74 teams in the Oracle international hackathon.

### EDUCATION

#### Bachelor's Degree in Systems Engineering

Jan 2022 – Dec 2025

Universidad Fidélitas

Degree requirements completed. Graduation pending.

### CERTIFICATIONS

- Oracle Cloud Infrastructure 2025 Certified Foundations Associate
- Scrum Fundamentals Certified (SFC)

### PROFESSIONAL TRAINING

- Oracle Next Education (ONE) – Java & Spring Backend Track (G8)
- Oracle Next Education (ONE) – Tech Foundation & Advanced Program

### LANGUAGES

- **Spanish:** Native
- **English:** Intermediate (B1 – CEFR)