Denis Duranza Diaz

BACKEND DEVELOPER
C# / ASP.NET CORE

CONTACT

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SKILLS

- Languages: C#, JavaScript (Node.js), prior knowledge of React Js.
- Frameworks: ASP.NET Core, Entity Framework.
- Databases: SQL, MongoDB.
- APIs & Communication: REST, MQTT, SignalR.
- Rules & Automation: Microsoft RulesEngine.
- Cloud / Serverless: AWS Lambda, Amazon Alexa Skills.
- Others: API integration, Git, backend service development.

ABOUT ME

Backend developer focused on IoT solutions, with nearly 2 years of experience building APIs in ASP.NET Core and managing data with Entity Framework (SQL / MongoDB). Experience in device communication (MQTT), real-time communication (SignalR), and dynamic rules (Microsoft RulesEngine). Experienced in developing voice skills for Amazon Alexa using AWS Lambda, Node.js, and C#. Graduate in Computer Engineering with a Gold Degree.

WORK EXPERIENCE

- **SMABIT — BACKEND DEVELOPER**

  Havana Science and Technology Park ·
  June 2024 - Present

  -Development of RESTful APIs in ASP.NET Core for IoT solutions.
  -Data management with Entity Framework, SQL, and MongoDB.
  -Communication integration with devices via MQTT.
  -Implementation of dynamic rules using Microsoft RulesEngine.
  -Real-time communication between web and devices with SignalR.
  -Voice skills for Amazon Alexa: development using AWS Lambda (Node.js and C#) connected to APIs in ASP.NET Core.

- **UNIVERSITY OF COMPUTER SCIENCES — PROGRAMMING PROFESSOR**

  Havana · Dec 2023 - Jun 2024

  -Teaching programming classes to students in the Computer Engineering program.