

Sergio Axel Medrano Cueto

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Monterrey, Nuevo León, México.

SKILLS

- **Engineering:** Understanding Engineering Concepts | Aircraft Technical Records & Maintenance | Front-end and Database Programming .
- **Software:**
Proficiency: Ms Excel | Ms SQL | Visual Basic| HTML | Python.
Familiarity: Matlab (C language) | Javascript
- **Languages:** Spanish Native | Intermediate English | Basic French
- **Values:** Adaptability | Teamwork | Growth Mindset | Ownership | Integrity | Sense of Urgency

EDUCATION

Universidad Autónoma de Nuevo León , Aeronautical Engineering

January 2017 – June 2022, Monterrey, Nuevo León.

RELEVANT COURSES

Microsoft Excel Diploma

Universidad Autónoma de Nuevo León.

Universidad Autónoma de Nuevo León , Web Development Technical Program

February 2023 – Currently, Monterrey, Nuevo León.

ACADEMIC PROJECTS

Mobile application for mapping damage in a F-20

Development of a mobile application that contained information from the AMM and IPC of a Falcon 20 aircraft, identifying existing damages using PowerApps (VisualBasic).

EXPERIENCE

Viva Aerobus, Monterrey, NL.

October 2021 – August 2022.

Crew Control Analyst .

- Assignment and planning of flight services for pilots and flight attendants complying with the flight hours and work days established by the regulations and company
- Monitoring and leveling of crew fatigue levels in the AIMS system.

Viva Aerobus, Monterrey, NL.

August 2022 – April 2023

Powerplant Engineer .

- Analysis of the Technical Documentation to maintain the airworthiness of the fleet and compliance with the corresponding Authorities (AFAC, FAA, EASA).
- Monitoring engine health parameters (EGT, N1, OFDP, FFDP).
- Prepare the technical documentation (redelivery package) for the return of the engines after the leased period.
- Incorporate and control the Airworthiness Directives and Service Bulletins.
- Analysis of technical cases with the different OEMs (Pratt & Whitney, Collins, Honeywell, Airbus).