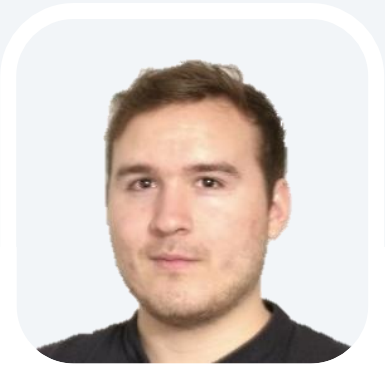


DIEGO A. SANTISTEBAN

SOFTWARE ENGINEER II

R&D - Software Integrator



Personal Info.

Birth date 01/04/1998 Monterrey, N.L.
Nationality Mexican/Spanish

Education

Aug. 2016 – Dec. 2021 **Instituto Tecnológico de Monterrey**. MTY. Mexico
Mechatronics Engineering (Scholarship)
Oct. 2019 – March 2020 **Technical University of Brunswick**. Germany
Engineering Exchange Student (Scholarship)

Experience

June. 2022 – Today **ZF Engineering & Shared Services**
Worked as a SWE.5 Integrator and Integration
Tester for GM and Ford braking software
Aug. 2020 – Jan. 2021 **ANDREAS STIHL AG & Co. KG**
Professional Internship in Waiblingen, Germany

Applied Skills

Integration Testing – Started as lead in the implementation of Integration Testing in the NA divisions. I also worked with Vector tools (CANoe, CANape) and in-house programs to test integrated software flashed on a physical bench

Continuous Integration – Worked using automated workflows (developed in Azure, Jenkins) in conjunction with Application Lifecycle Management Software (PTC RV&S) to perform CI

Tool Development – Developed scripts and tools (Batch, PowerShell, Python, VBS) to automate common tasks. These tools got adopted into the processes

Automotive Knowledge – Application of basic industry principles, such as CAN protocol, UDS protocol, embedded systems (ECU), ASPICE, and AUTOSAR

Soft Skills – Communication with multiple teams, resistance to uncertainty, adaptability in changing environments, initiative taking, resourcefulness, creativity and lateral thinking

Languages

Spanish: Native
English: C1
German: B2

Software Knowledge

Advanced

C · Python · Batch · VBS
PowerShell · CANape · CANoe
Windchill RV&S · In-house tools

Intermediate / Basic

Understand · Git · Jenkins
Azure · Power Automate
DOORS · Winidea Debugger
Dataminers

Additional SW Knowledge

LabVIEW · SolidWorks · LTSpice
C++ · FluidSIM · KiCAD
Orange D.M. · HTML/CSS/JS
Linux · Simatic Step 7 · MATLAB
Simulink

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