

JESUS VELEZ SOTO

EMBEDDED SOFTWARE ENGINEER

PROGRAMMING LANGUAGES

- C, C++
- Javascript (React)
- Python
- .NET

LANGUAGES

- English C1
- German B1

TOOLS

- IBM Jazz
- IBM Doors
- GIt / Gitbucket & Github
- Atlasian Tools (Jira & Confluence)
- Collaborator
- CppCheck
- CMake

SOFT SKILLS

- Problem Solving
- Pro Active
- Team Work
- Adaptive
- Team Leader

CONTACT

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- <https://github.com/TheAfrvlz>

PROFILE

Mechatronics Engineer specialized in Embedded Systems, with expertise in automotive telematics, software architecture, and cybersecurity. Passionate about innovation and the development of smart, secure systems for next-generation vehicles. Committed to advancing safety, efficiency, and connectivity.

PROFESSIONAL EXPERIENCE

EMBEDDED SOFTWARE TRAINEE

CONTINENTAL R&D | GUADALAJARA,MX
APRIL 2022 / JUNE 2022

- ANALYSIS OF PRS OF HARDWARE AND SOFTWARE
- SOFTWARE ARCHITECTURE CORRECTION.
- CREATION OF SOFTWARE REQUIREMENTS

EMBEDDED SOFTWARE ENGINEER JR.

CONTINENTAL R&D | GUADALAJARA,MX
JUNE 2022 / PRESENT

- IMPLEMENTATION OF SOFTWARE REQUIREMENTS AND UNIT TESTS FOR TRAILER & GATEWAY PROJECTS
- DESIGN OF DIAGRAMS FOR SOFTWARE ARCHITECTURE
- RESOLUTION OF SOFTWARE PRS USING DEBUGGER, CANOE, ELECTRONIC ANALYSIS
- RESPONSIBLE FOR SOFTWARE RELEASE MANAGEMENT AND DEPLOYMENT ACROSS VARIOUS MODEL YEARS

EDUCATION

MECHATRONICS ENGINEER

Benemerita Universidad Autonoma de Puebla (BUAP) | 2015 - 2020

SOFTWARE DEVELOPMENT ENGINEER

Universidad Abierta y a Distancia de México (UNADM) | 2018 - 2023

EMBEDDED PROGRAMMING COURSES

Embedded Expert IO, Udemy, Microchip University, ARM | 2019 - 2022

DIPLOMA PROGRAMMING AND TESTING FOR PROCESSORS

Centro de Investigacion de Avanzada (Cinvestav) | (2022)

CYBERSECURITY COURSES

Continental | (2023)

BOOTLOADER & IAP COURSES

Embedded Expert IO | (2023)

PROJECTS

LIGHTWEIGHT RTOS

STM32

PIC USB KEYBOARD

C, Microchip, C#

BICYCLE SAFETY SYSTEM

Microchop

WEBSERVER ESP32

Espressif, Node JS