

Abner Emmanuel Becerra Valencia

Mechatronic Engineer and Software Development Technologist



About Me

- Able to develop, manage and maintain technical equipment.
- High capacity for learning new technologies and activities.
- Great ability to work in team.
- Passionate about sports cars since birth.

Technical Skills

- Embedded Systems.
- IOT.
- HTML & CSS.
- Firebase.
- SQL.
- PLC's.
- OBD II, CAN Bus & ECUs.
- C++, C#, Python, Javascript & Java.
- React Native & Android Studio.
- Hydraulic and Mechanics.
- LAN and WAN networks.
- AI and Artificial Vision.
- Microsoft office suite.

Soft Skills

- Proactive
- Flexible
- Problem Solving
- Technology interest

Languages

English: Advanced (B2) IELTS Certificate

Spanish: Native

Contact Info

[Portfolio](#)



[GitHub](#)



[LinkedIn](#) Abner Emmanuel Becerra Valencia

+52 3327883844

abner13.com@gmail.com

Guadalajara, Jalisco, México.

Nationality: Mexican Pasport: Valid

Marital Status: Single Age: 25 Years old

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Experience

Station Assistant

SITEUR, Jalisco | September 2020-September 2021

- Make docs, supervise installations and passengers.

Technical Support

SITEUR, Jalisco | September 2021 - April 2022

- Maintenance of infrared barriers, IP cameras, SCADA, networks, hydraulic and mechanical equipment, etc.
- Supervise installation of 10 km of fiber optic network.

Laboratory Assistant

PROESA-ATOTECH, Jalisco | May 2022 - May 2023

- Analysis and preparation of chemical solutions and coating metal sheets for electroplating.

Development Engineer

INNOVARIA, Jalisco | February 2024 - June 2024

- Design, development, coding, testing and installation of telemetry, speed limiters and GPS systems for automobiles, through technologies such as CAN bus, ECUs, OBD II, C++, microcontrollers and electrical harnesses.

Mechanic | August 2024 - Currently

• Repair my BMW 118i, replacing parts such as sensors, valve seals, timing chain, steering arms and more, cleaning codes using an OBD scanner and measuring engine gaps.

Education

Software Development Technologist |GPA (3.3)

Centro de Enseñanza Técnica Industrial (CETI), Jalisco.
August 2015 - June 2019

- Develop an automatic fish feeder system and data monitoring, using Android Studio, sensors, microchips, Firebase and IOT.

Mechatronics Engineering |GPA (4.0)

Centro de Enseñanza Técnica Industrial (CETI), Jalisco.
August 2019 - June 2023

- Develop a functional scale elevator using Solidworks, a raspberry PI as a PLC, mechanisms and a 3D printer.
- Develop an automated volumetric analysis system using React Native and Firebase.

Life goal:

Develop innovative projects for the automotive industry.