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 & Json.
- 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**

Linked in Abner Emmanuel Becerra Valencia

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Guadalajara, Jalisco, México.

Nationality: Mexican   Pasport: Valid

Marital Status: Single   Age: 25 Years old

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 for car fleets.

Information Technology Trainee
Tata Consultancy Services, Jalisco | October 2024 - Currently
- Creating, expiring, updating, and publishing web pages, developing front-end to match Figma designs, migrating pages from Tridion to AEM, testing them with devtools and SauceLabs, managing SEO metadata, using tecnologies such as Json and HTML, **becoming QA Engineer after 1 year.**

Education

Software Development Technologist I**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 I**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.