



Jesus Eduardo Roman Villarreal

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portfolio: <https://eroman-portfolio.netlify.app>

PROFILE / INTEREST AREAS

Mechatronics Engineer graduated from FIME in the UANL.

With resistance to work under pressure and deadlines.

Previously I worked as a Mechanical Design Engineer but after some time I realized that I want to go after with what I really enjoy the most... to code.

I am a responsible person, with great availability to be able to demonstrate my abilities in the tasks entrusted. I am interested in developing in areas such as front-end or back-end.

FORMATION

Jan 2015 – Dec 2020

Mechatronics Engineering

Universidad Autónoma de Nuevo León (FIME)

WORK EXPERIENCE

Navistar International

(Sept 2019- Mar 2020)

Engineer Intern in PD Area

Function:

- MySQL CRUD operations
- Debugging for unit validation in Python
- Frontend design and update of assembly drawings in web layout
- Landing page error fixes
- Creation of parts for units
- Code reviews through pull requests

Yazaki North America

(Jul 2021- Jan 2022)

Product Design Engineer (working for FORD)

Function:

- Design and update of drawings for vehicle programs such as Ford Lobo, Maverick and Transit
- Drawing validations

Segula Technologies

(Jan 2022- Currently)

Product Engineer VO in Chassis (Working for Stellantis)

Function:

- Person in charge of following the changes (TCR) made in Dodge Durango, Jeep Cherokee and RAM 1500
- Planning, validating and implementing engineering changes and cost reductions
- Working for vehicle programs such as Jeep, Dodge, RAM and Chrysler

COURSES AND TRAININGS

- **Course: React**
Date: May 2023 Imparted by: Juan Pablo de la Torre
- **Course: SQL Database**
Date: February 2023 Imparted by: Nicholas Shurmann
- **Course: Git and GitHub**
Date: February 2023 Imparted by: Brais Moure
- **Course & Certification: Modern JavaScript**
Date: January 2023 Imparted by: Juan Pablo de la Torre
- **Course & Certification: Full Web Development**
Date: December 2022 Imparted by: Juan Pablo de la Torre
- **Course: Complete Git and GitHub training**
Date: December 2022 Imparted by: Nicholas Shurmann
- **Certification: Web Development Introduction I & II**
Date: September 2022 Imparted by: Google

LANGUAGES

Spanish: native

English: advanced (Certification)

SKILLS

Frontend:

- HTML5
- CSS3
- Tailwind
- JavaScript
- React

Backend:

- PHP
- Node JS
- Express
- MongoDB
- MySQL

Database Managment:

-DBeaver, Tableplus & MySQL Workbench

Version Control:

- Git
- GitHub

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