

EDUCATION

WORK EXPERIENCE

COURSES & TRAINING

CONTACT INFORMATION

LANGUAGES

I.E. ANGEL ANDRES HERNANDEZ SERNA

→ **Diploma:** Full Stack Develop in Python

Institution: EBAC Latam (2024-Current)

→ **Engineering Degree:** Industrial Engineering

Institution: Universidad Tecnológica de Aguascalientes (2021-2023)

→ **Postgraduate Degree** Automation & Quality

Institution: Université de Lille France (2020-2021)

→ **Technical University Degree:** Industrial Process in Manufacturing Area

Institution: Universidad Tecnológica de Aguascalientes (2018-2020)

JATCO Site 1 Aguascalientes. Mexico (Dec 2022 – Nov 2025)

Staff Senior

Achievements:

- Head count reduction in Assembly Area, +24% OEE Efficiency (2025)
- Scrap Reduction in Casting Area, -93% Scrap (2025)
- OEE Segregation by Model, +10% OEE in All models (2025)
- OEE Automatic Analysis, -200 hrs./man by month (2024)
- Auto Head Count calculator, -1500 hrs./man by month (2024)
- Judge Registration System in Casting, +15% OOE Efficiency (2025)
- Leading QC Story events and DX projects (1st/2nd/3rd/4th place)

JATCO Site 2 Aguascalientes. Mexico (Jul 2022 – Dec 2022)

Internship

Achievements:

- Design of a comprehensive database system using VBA to monitor calibrator entry records. (2024)
- Development of automated reporting tools to track calibration schedules, generate compliance alerts, and reduce human error. (2024)
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Serna's Trucking TEX. USA (Sep 2021 – Dec 2021)

Staff (Virtual)

Achievements:

- Development of automated reporting tools to track calibration schedules, generate compliance alerts, and reduce human error.

Université de Lille Lille. France (Dec 2022 – Nov 2025)

Internship

Achievements:

- Creation of a mechanical load simulator to demonstrate load behavior in different machines and improve students' practical understanding.

Relevant courses:

- Full Stack Develop Python. EBAC Latam (2024-Current Virtual)
- Yellow Belt. International Lean Six Sigma (2025)
- Lean Manufacturing. JATCO Mexico (2025)
- 7 Statistics Tools. JATCO Mexico (2024)
- Core Tools. JATCO Mexico (2024)
- White Belt. International Lean Six Sigma (2024)

Contact information

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My Web: <https://angelserna23.github.io/myWeb/index.html>

Age: 25

Marital status: Soltero

Spanish: Native

English: B2 +

French: B2

German: A1