# LEONARDO MEZA

MECHATRONIC ENGINEER |
FULL STACK JAVASCRIPT DEVELOPER JR

## CONTACT


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## EDUCATION

**11/2023 - Current**

**KODEMIA**

- Full Stack developer JavaScript

**08/2018 - 08/2023**

**CENTRO DE ENSEÑANZA TECNICA INDUSTRIAL (CETI)**

- Mechatronics Engineering with a strong focus on Software Development and Automation Systems.

**PROULEX, UDG**

- **Toiec Certification English B2**

## SKILLS

- FIGMA (UX/UI)
- Node JS, React, NEXT, Vue,js, Tailwind Bootstrap
- Mongo DB
- Linux CLI / OS
- AWS, GCP
- Git/Github, Postman
- npm ecosystem
- C, C++, Phyton, C#, JavaScript
- SolidWorks
- Proteus Electronic design
- TIA Portal PLC programming

## LANGUAGES

- English (Fluent) B2
- Spanish Native

## CERTIFICATIONS

- Vision Pro COGNEX
- TOIEC Eglish
- Google Cloud Platform (GCP)
- Scrum AGILE

## PROFESIONAL RESUME

As a Mechatronic Engineer with a strong foundation in Full Stack JavaScript development, I bring expertise in object-oriented programming, data structures, and algorithm optimization. My hands-on experience with JavaScript, Node.js, and modern frameworks such as React and Next.js allows me to develop scalable and efficient solutions. Additionally, my background in automation and industrial programming enhances my ability to tackle complex engineering challenges. I thrive in dynamic and collaborative environments, leveraging my problem-solving skills to create innovative, team-oriented solutions. Fluent in English and Spanish, I am committed to continuous learning and contributing to a stimulating and growth-driven workspace.

## WORK EXPERIENCE

- **JABIL** 01/2023 - 07/2023

  Intership at Regional Automation Center

  - I developed and optimized C# programs for programming production machines, achieving a 15% reduction in configuration times and an improvement in process precision.
  - Implemented artificial vision systems for industrial robots using VisionPro, increasing part recognition accuracy by 20% and reducing assembly defects.
  - Performed performance testing on production machines, identifying and resolving bottlenecks, allowing for a 10% improvement in operational efficiency.

## PROYECTS

- **BonAppEtit Full Stack**

  This system is focused on restaurants, it combines the advantages of a digital order and integrated e-commerce, allowing customers to scan a QR from their table, explore the menu, order and pay from the app. It is a service designed to be scalable and adaptable to multiple restaurants.

- **PID control design to control temperature and water level**

  This is an application of automatic control of certain industrial process like oven temperature, or automatic level for water tanks. The technology used for this project was the Framework Arduino (C++)

- **Remote Control with Artificial Vision System**

  This system, developed in Python with OpenCV, uses computer vision to control some functions of a computer such as audio volume. In addition, it can be integrated with devices such as televisions for remote control using hand gestures, using Arduino, Raspberry Pi and ESP32 CAM. (Python, C++).