

MAURICIO MEZA

FULL-STACK DEVELOPER | Columbus OH

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Solid Full-Stack knowledge of **JavaScript, React.js, Node.js, TypeScript, Python, Django, Java, Spring**, and **Jest**. Experienced with Back-end technologies including Microservices, **RESTful APIs**, Docker. Version control with **Git**. Strong Data Management and Data Analysis skills with **PostgreSQL, MSSQL**, BigQuery. Experienced with Relational Databases, Data Cleaning, Pattern identification, and Data Visualization. Positive attitude, dedication and reliability in all tasks, and Prioritize clean, scalable code for optimal performance.

EXPERIENCE

BACK-END DEVELOPER | DITEC Group | CDMX | 06/2022 - 03/2023

Collaborated with cross-functional teams to design, develop, test, and implement back-end solutions. Employed Docker images and Kubernetes structures to create efficient and scalable containerized applications. Implemented API integrations for seamless communication between different services and systems. Created comprehensive technical documentation, including system architecture, API specifications, and developer guides. Maintained and updated documentation to reflect changes in the application, APIs, and system configurations.

MECHANICAL DESIGNER | Radiall Inc | Sonora, MX | 09/2018 - 07/2021

Develop 80 mechanical drawings for their production line that help the company organize and update their equipment.

VOLUNTEER, EC GROUP | [EC instagram page](#) | Sonora, MX | 04/2020 - 08/2020

Founded a non-profit group in collaboration with the local community efforts from Sonora, Mexico, to help with hospital equipment shortage. 3D-printed and delivered more than 700 face shields to local hospitals.

MECHANICAL DESIGNER | LifeLine Mobil Inc | Columbus, OH | 01/2017 - 05/2018

Increased production efficiency by creating 3D models and drawings to guide production line workers as a coordinated effort with supervisors. Improved time efficiency and budget cost by improving the construction design of a truck cabin in coordination with manufacturing supervisors.

MECHANICAL DRAFTER | ADB Safegate Airport Solutions | Columbus, OH | 09/2016 - 12/2016

Solved production issues by developing 30 mechanical drawings/guides for the workers in the production line. Helped the company test their final products by designing an impact test fixture that measured the shock resistance of airport runway lights.

CAD DESIGNER | Maquinados y Tecnología S.A de C.V. | Ciudad Obregón, Son, MX | 11/2015 - 04/2016

Successfully re-designed 3 mechanical fixtures that were not working correctly for the client's production line. Developed more than 100 detailed drawings and drafts to help better understand our products to our clients.

MECHATRONICS ENGINEER | CIIPDETEC S.A. de C.V. | Navojoa, Son, MX | 09/2013 - 10/2015

Developed more than 300 specification drawings to help manufacturing workers build the bending machines. Successfully coordinated 4 big manufacturing projects Managing production strategy and budget.

EDUCATION

Full-Stack Web Development | Academia X | 07/2023 - 01/2024

[Google Data Analytics Certificate](#) | Coursera | 06/2021 - 12/2021

Robotics Software Engineer Nanodegree | Udacity | 2017

Bachelor of Science Mechatronics Engineering | ITESCA (National Polytechnic University) | Sonora, Mexico | 2009 – 2013

SIDE PROJECTS

Developed a goals tracker app Using **React.js** and **TailwindCSS**.

Developed a crud API for the goals tracker app using **PostgreSQL** and **Express.js**.

Developed a business website for an architecture firm in Mexico using **Next.js**, **React.js** and **TailwindCSS**.

WEB Scraper with python Extracted information from a market website in Mexico from its HTML code. The program takes relevant information such as title, price, and date, then stores the information into a CSV file.

Bike-share data analysis **SQL** for Covid-Analysis | Created 10 relevant queries in **MSSQL** to Prepare and analyze Worldwide data.