MAURICIO MEZA

FULL-STACK DEVELOPER | Columbus OH

(614) 483 5732 | mmeza1701@gmail.com | Linkedin | GitHub | Portfolio

Skilled Full-Stack Developer with expertise in **JavaScript EC6+**, **DOM**, **Next.js**, **React.js**, **Node.js**, **TypeScript**, **Jest**, **Java**, **Spring**, **Python**, **Django**, **MongoDB** and **PostgreSQL**. Strong understanding of design principles, UI/UX, and advanced CSS techniques like **CSS Modules**, **Sass**, and **TailwindCSS**. Proficient in version control with **Git**, showcasing adaptability, reliability, and a quick-learning attitude. Ready to contribute to dynamic projects with a comprehensive understanding of both front-end and back-end development.

EXPERIENCE

Back-End Developer | Zurich Insurance | CDMX Remote | 06/2022 - 12/2023

Developed and maintained back-end components using Java 8, Spring Boot 4 in a Microservice architecture to ensure high performance, reliability, and adherence to coding standards. Managed and optimized database operations on MSSQL 8, ensuring data integrity and security. Conducted unit testing using JUnit to validate the functionality and performance of developed features. Produced comprehensive documentation, DDD, C4 diagrams, and Deployment guides to facilitate seamless collaboration and knowledge sharing among team members. Used Agile methodology.

Mechanical Designer | Radiall Inc | Sonora, MX | 09/2018 - 11/2021

Streamlined manufacturing processes leading to a 30% improvement by developing 80 mechanical drawings, implementing organizational strategies, and updating equipment.

Volunteer, EC Group | EC instagram page | Sonora, MX | 04/2020 - 08/2020

Founded a non-profit group in collaboration with local community efforts from Sonora, Mexico, to help with hospital equipment shortage. 3D-printed and delivered over 700 face shields to local hospitals during the COVID-19 pandemic.

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 reduced budget cost by 20% through enhancements to the construction design and manufacturing process.

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 | TE Connectivity (MyT Group) | Sonora, 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 | CECSO | Sonora, 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 - 02/2024
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 demo app Using **React.js** and **TailwindCSS** .
Developed a crud API for the goals tracker app using **Express.js** and **PostgreSQL/PgAdmin** for the DB.
Developed a business website for an architecture firm from Mexico using **Next.js**, **React.js** and **TailwindCSS**.
WEB Scraper using **python**. Extracted key information from a market website in Mexico from is 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.

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FRONT-END DEVELOPER | Columbus OH

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Experienced Front-end Developer proficient in **HTML5/CSS3+, JavaScript**, **EC6+**, **DOM manipulation**, **JQuery**, **Next.js**, **React.js**, **Node.js**, **TypeScript**, and **Jest**. Skilled in design principles, UI/UX, and advanced CSS techniques including **CSS Modules**, **Sass**, and **TailwindCSS**. Dedicated to crafting seamless user experiences and ensuring responsive design. Ready to contribute to innovative projects with a keen eye for detail and a commitment to delivering high-quality front-end solutions.

EXPERIENCE

Java Developer | Zurich Insurance | CDMX Remote | 06/2022 - 12/2023

Developed and maintained back-end components using Java 8, Spring Boot 4 in a Microservice architecture to ensure high performance, reliability, and adherence to coding standards. Managed and optimized database operations on MSSQL 8, ensuring data integrity and security. Conducted unit testing using JUnit to validate the functionality and performance of developed features. Produced comprehensive documentation, DDD, C4 diagrams, and Deployment guides to facilitate seamless collaboration and knowledge sharing among team members. Used Agile methodology.

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BACK-END DEVELOPER | Columbus OH

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Experienced Back-end Developer proficient in building applications with **JavaScript**, **Node.js**, **Express.js**, **Java**, **Spring**, **Python**, **Django**, **RESTful APIs**, **Docker**, **Kubernetes**, **AWS**, and Microservices architecture.
Skilled in database management as **MongoDB**, **PostgreSQL**, **MSSQL**.
Familiar with **Agile methodolog**y and experienced in version control with **Git**, committed to delivering robust, maintainable code. Ready to tackle complex challenges and contribute to the success of back-end projects with precision and expertise.

EXPERIENCE

Back-End Developer | Zurich Insurance | CDMX Remote | 06/2022 - 12/2023

Developed and maintained back-end components using Java 8, Spring Boot 4 in a Microservice architecture to ensure high performance, reliability, and adherence to coding standards. Managed and optimized database operations on MSSQL 8, ensuring data integrity and security. Conducted unit testing using JUnit to validate the functionality and performance of developed features. Produced comprehensive documentation, DDD, C4 diagrams, and Deployment guides to facilitate seamless collaboration and knowledge sharing among team members. Used Agile methodology.

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