

# Marco Antonio Sandoval Espinosa

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Mexico City.

## Tech Skills

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PROGRAMMING LANGUAGES	JAVASCRIPT, TYPESCRIPT, GOLANG
FRAMEWORKS	REACTJS, NEXTJS, SVELTE, VUE, EXPO, EXPRESS, ECHO
FRONTEND	HTML, CSS, SCSS, TAILWIND, MUI, REACT NATIVE
DATABASES	MONGODB, REDIS, POSTGRESQL, MARIADB
CLOUD	AWS, DIGITAL OCEAN, GCP, VERCEL, AZURE
TOOLS	MARKDOWN, GIT, DOCKER, PODMAN, L <sup>A</sup> T <sub>E</sub> X BASH, JASPER REPORTS, IA AGENTS

## Experience

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### Web team lead

Jan 2020 – Jul 2025

Flink/Webull MX

- Standardized and structured NextJS and TypeScript as core stack across web projects for the business.
- Led the migration of legacy systems to a modern stack and pipelines for existing and new projects.
- Designed high-performance web solutions, focused on optimizing development processes and improving user experience(UX).
- Implemented CI/CD pipelines using GitLab CI, AWS ECS/ECR, Lambdas, and containers, which streamlined development and maintenance processes in production.
- Designed and implemented APIs for company projects, modeling schemas and optimizing queries for transactional databases.
- Established code standards and best practices, creating documentation and configuration guidelines to ensure code quality and consistency.
- Managed projects using agile methodologies, ensuring on-time delivery and achievement of objectives.
- Gathered and analyzed internal projects requirements, design workflows, mockups and required functionality to achieve each project goal.

### Frontend developer

Nov 2018 – Jan 2020

Forward company

- Tasked with improving the UI of the company's Learning Management System(LMS) by migrating 100% of the inline styles to SCSS files, improving maintainability and scalability.
- Implemented dynamic HTML content delivery, using configuration and localization files for a fully customized user experience.
- Collaborated with stakeholders to gather and refine the LMS platform requirements, designing UX flows, mockups, and functionalities to address user needs and implement new features.
- Led development and maintenance of main web frontend components, ensuring stability and performance of the platform with modern and legacy browsers, including mobile devices.

**Technology Consultant**  
*Spanish Training Academy*

**Nov 2018 – Ene 2020**

- Developed an informative website in WordPress hosted on a Linux Ubuntu server, managing courses information, prices, contact forms and essential pages to promote the academy's offerings.
- Implemented and configured a Moodle LMS platform on a DigitalOcean server
- Implemented SSL certificates, maintained platform databases and oversaw user management for the platform teachers to enable seamless and secure teaching courses.
- Provided IT support and managed GSuite tools to ensure smooth operations and improve productivity within the organization.

## Education

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**Physics BS.**  
*UNAM*

**2009 – 2015**

**Software and Network Design Engineer**  
*UVM*

**2023 – present**

## Languages

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**Spanish** Native  
**English** B2

## Interests

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- Computer science
- Finances
- Education
- Video games