

Alejandro Mora

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Experience

Software Engineer, Truelogic (remote) Jul 2025 – Apr 2026

- Worked on the integration of a Workforce Management (WFM) platform (Verint) into the client's internal systems written in typescript and react, collaborating with an international, cross-functional team.
- Implemented secure authentication and authorization flows between the client's product and Verint, ensuring reliable and compliant access to workforce data.
- Developed workforce planning features, enabling scheduled data synchronization between the client's operational data and Verint's WFM modules.
- Designed and implemented a daily batch data synchronization process, ensuring consistency between the client's product data and Verint.
- Built interactive dashboards using React and TypeScript to visualize workforce, planning, and operational metrics for business stakeholders.

Software Engineer, Trackstreet – Las Vegas, Charleston Blvd Suite 2-776 (remote) Mar 2024 – Jul 2025

- Implemented advanced web scraping strategies to bypass anti-bot protection mechanisms and rate-limiting systems, ensuring continuous and uninterrupted data collection.
- Developed an AI-powered computer vision system using Python to automate product image analysis and pricing verification across e-commerce platforms, enhancing data accuracy.
- I worked with an international team to add new features and maintain the company's core product developed in go, an information scraping system for products sold on e-commerce platforms.
- I developed new crawlers in Go for over 500 e-commerce websites.
- I refactored the crawling system written in go to use functional programming, which generalized the crawling process and reduced development time.
- Using go I developed an automated template creation system to save time when building new crawlers and increase the team's productivity.

Senior Application Developer, Kyndryl – El Salto, Jalisco (remote) Sept 2021 – Oct 2023

- After IBM split its services division, I was selected, along with other colleagues, to continue maintaining and adding features to the Rubik application.
- I implemented a notification system with Kafka to notify users about status changes for services or products they were interested in.
- I led the frontend refactoring, which resulted in the creation of new React components, their reuse across the app, and a significant reduction in the application's size.
- Containerized and developed new backend services written in go using Docker, standardizing development and deployment environments across teams and maintained and optimized Docker images to reduce build times and improve application startup performance.
- Worked with Kubernetes to deploy and manage containerized services, supporting scaling, service availability, and environment consistency.

Application developer, IBM, Mexico – El Salto, Jalisco Sept 2019 – Sept 2021

- Together with an international team, we developed an application to help sellers track their service or equipment sales called rubik.
- Developed several backend microservices in Go, leveraging its concurrency features and containerizing each service with Docker to ensure consistent local development, testing, and deployment environments.
- Developed custom Python scripts to automate routine development tasks, data processing, and local workflow optimizations, reducing manual overhead.
- I created a template generator to speed up microservice development and reduce development time.
- We implemented gRPC for microservice communication, reducing response times between them.
- I handled URL implementation and proxy configuration to enable microservices to communicate with the frontend via a REST API.
- I built a reusable dashboard component in React to visualize data, making it adaptable for use in other dashboards or panels.

Skills

Languages: Go, JavaScript, TypeScript, Java, SQL, Python

Frameworks/Libraries: React, Angular, Node.js

Tools/Infra: Docker, Kubernetes, Kafka, gRPC

Education

UAG

MS in Computer Science

Sep 2024

CETI colomos

BS in Mechatronics Engineering

Dec 2017