

CASE STUDY

Leading Retail Logistics Company



Testimonial

"Distillery came in just at the time when we needed to expand our business and complete one of the most important products we have in relation to our logistics. The company has helped us not only in the development, but also in the search for talent, organization and to strengthen the union of our teams."

About The Client

The business is a platform that seeks to strengthen the country's corner stores through face-to-face and digital supply solutions, helping them to be more competitive and become the favorite point of sale for Mexicans.



Client Achievements And Highlights

+205,000 CUSTOMERS NATIONWIDE

330 DIRECT ROUTES

800 DIRECT EMPLOYEES

11 OFFICES NATIONWIDE

1,500 INDIRECT COLLABORATORS

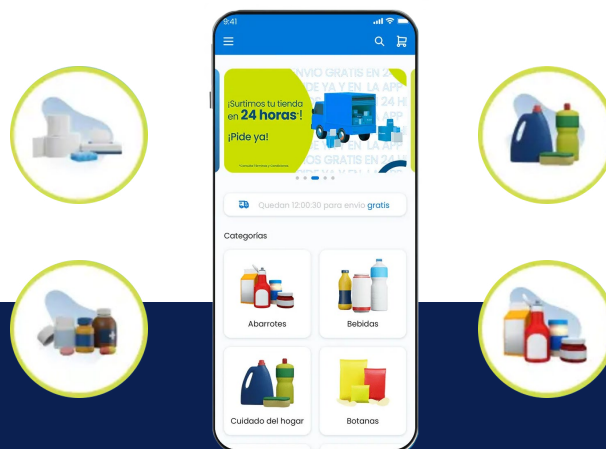
9 DISTRIBUTION CENTERS

CHALLENGE



In partnership with their Distillery team, our client was looking to build a crucial application for the logistics area of the company that could be used for delivery personnel to understand what products to load in the trucks, which stores to visit in what order, and much more. The goal was to create an application that could not only support this work for delivery efficiencies, but also to begin capturing information to create reporting that would serve to feed future business decisions.

VALUE DELIVERED



Distillery came in to provide staff augmentation services, not only supporting in the construction of the new product, but also by helping in all the engineering processes pertinent to the software development. The Distillery team supported the new delivery project and others concurrently.

TECHNICAL SOLUTION



The following solutions were completed within the goal of 5 months due to the fast and smooth integration of Distillery developers and engineers from the client's internal team.

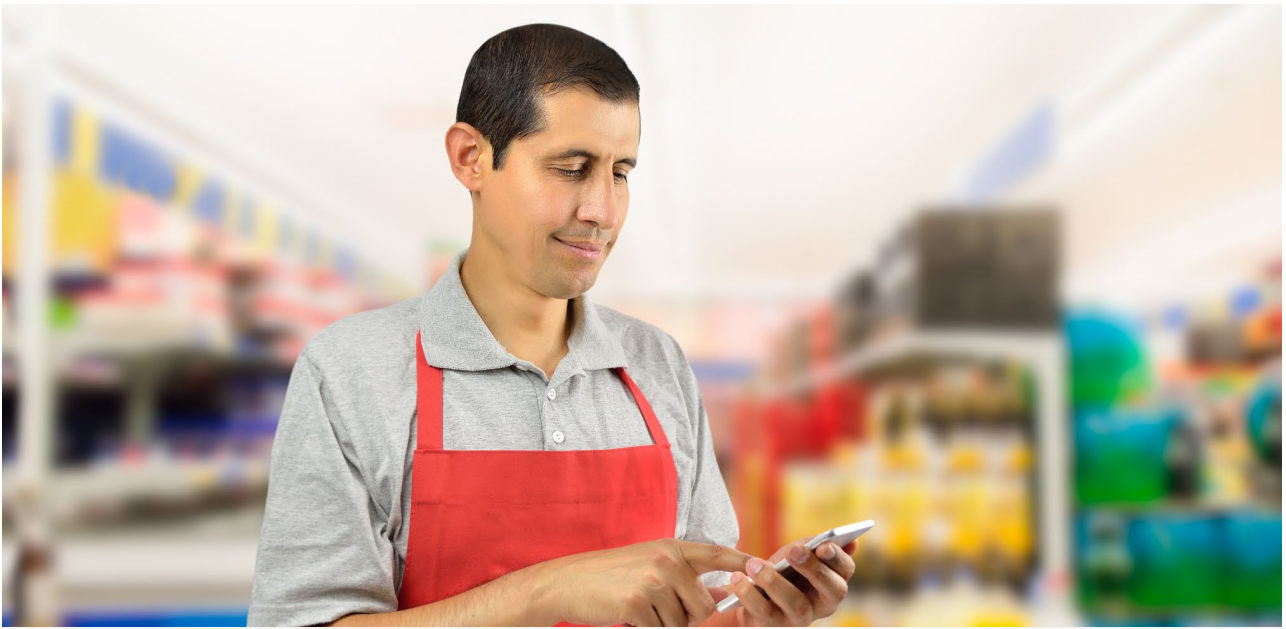
- A cross platform mobile application implemented in React Native with a highly user-focused design and with functionality that requires tight integration with the system such as real time route tracking
- Offline mode to be able to manage the entire universe of customers of the company, from the most urbanized areas that have great internet availability to regions with low or no data coverage
- A serverless architecture mounted on AWS, with API Gateways connected to AWS Lambda functions that process the different application flows
- The solution was implemented using a framework to handle serverless applications called AWS SAM (Serverless Application Model) which allows to bootstrap new web services quickly by generating code and provisioning any necessary Amazon Web Services automatically.
- The application leveraged other AWS solutions such as AWS S3 as content repository and as database solutions AWS RDS in conjunction with AWS DocumentDB to help us support the load of queries and reads from all users of the system
- A distributed architecture with alarm management and monitoring through AWS Cloudwatch, communication using AWS SQS and Amazon Event-Bridge
- A DevOps culture with workflows using Github Actions to generate a continuous delivery of value to the business

SOLUTIONS

 **MOBILE**

 **WEB DEVELOPMENT**

 **CLOUD SERVICES**



TECHNOLOGIES



NESTJS



KUBERNETES



AWS



REACT NATIVE



TERRAFORM



GITHUB



NODE.JS

What's happening now

Distillery and this client continue to work together in supporting and building additional, critical systems for its business and thus to be able to provide services in Latin America.





About Distillery

Distillery accelerates innovation through an unyielding approach to nearshore software development. The world's most innovative technology teams choose Distillery to help accelerate strategic innovation, fill a pressing technology gap, and hit mission-critical deadlines. We support essential applications, mobile apps, websites, and eCommerce platforms through the placement of senior, strategic technical leaders and by deploying fully managed technology teams that work intimately alongside our client's in-house development teams.

At Distillery, we're not here to reinvent nearshore software development, we're on a mission to perfect it.

Awards



Have any questions?

WE'RE HAPPY TO ANSWER!

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