

Built a Mobile App to Simplify Ordering at Restaurants

Mobile app introduces first-of-its-kind 'food ordering' feature for the 'wait-free' dining experience at restaurants

— The Client

A restaurant searching platform that provides customers with personalized recommendations of dine-out restaurants, popular cafes and best new places in town.

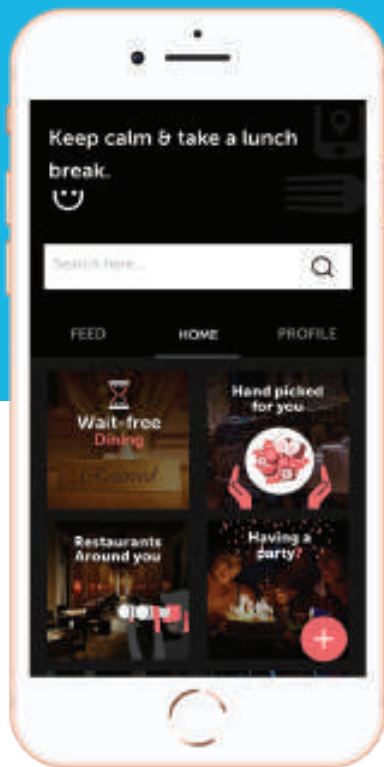
— Executive Summary

Built and deployed a complete, end-to-end restaurant searching platform with a unique real-time food-ordering feature within 5 kms geo-fence perimeter from the user's location.

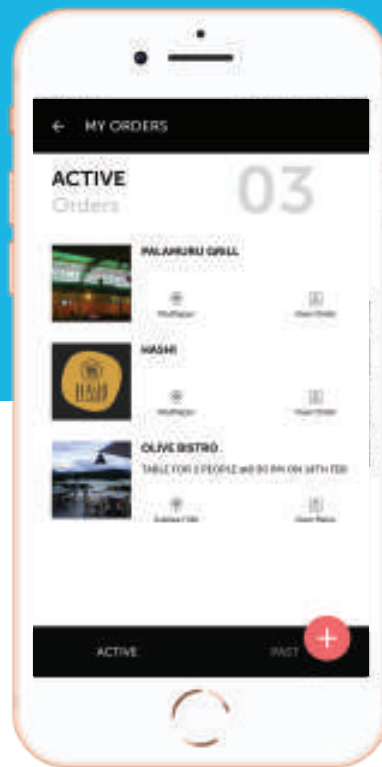
Project Duration
3 months



Microservices



Home Screen



Order Screen

— Challenge

The client was looking for a convenient and easy-to-use solution that would help users find location-based search recommendations for restaurants and help them cut down the time taken to place orders.

— Approach

We set out to build an engaging, data-driven food ordering solution to help users find restaurants nearby, place orders and even track the status of their digital order from the moment it's placed, giving them a guided and personalized experience. The mobile app captures the user's current location through geo-tagging, meal preferences as set at the time of signing up, and budget as specified for the query.

— Solution

Dining out in cities, these days, is fraught with confusion and delays. Firstly, you must decide on which restaurant to go to. This decision is made taking several factors into consideration such as; your food preferences, budget, and the distance between your current location and the restaurant of your choice. You must then, brave the traffic to get to the restaurant, only to be told that there is a minimum wait time of 20 minutes to even be seated. Only after you are at the table do you get to see the menu. Much time is then lost in selecting and placing the order. Finally, after all this, the kitchen accepts your order and starts to prepare your meal.

We imagined an easier way of doing this. We built a mobile app that would display the restaurants in the 5 kms radius from where the user is accessing it. We then display menus from the restaurants that they choose, to help them decide their order. And as an additional feature, we even allow the user to schedule and pay for the order. This way, when he arrives at the restaurant, he is not only directed to a table, eliminating the need for a manual queue, but is also served right away.

The platform provides a wide range of restaurants to choose from. It also offers a feature where you can add a friend. With this, you can see recommended dishes by your friends in your news feed. You can even swipe right to recommend a particular dish from a restaurant, which would show up on your friends' feed!

— How the Product Helped

The mobile app leverages sophisticated, customer-set preferences that enables personalized restaurant recommendations, detailed menu options, and reduced customer wait time at restaurants to increase revenue and drive brand loyalty.

— Tech Stack



Base framework
Node JS



Backend
JAVA Spring Boot



Payment Gateway
CCAvenue



Database
MongoDB



Search Engine
Solr



Frontend
React Native