



Industries / **Hospitality**

Improving Hospitality Job Marketplace for **Workers and Customers**

OUR CORE VALUES: PASTA - P = Passion, A = Appreciation, S = Simplicity, T = Trust, A = Accountability

Customer Overview

This application is a hospitality job marketplace that allows to submit a job request and helps to recruit service staff for events. It is an open marketplace for hospitality staff requirements. User can come to the website and submit their staff requirement in their respective location. The system will smartly assign the pre-approved workers for that requirement. Users don't need to worry about the payments distributions for their workers, or argue with their workers for their work hours. Everything will be managed with this platform.

Project Features

Here are some of the features which are managed in our application:-

- ◆ Staff Scheduling System: This is the scheduling system for the staffs/workers which is used in assigning them to the jobs. Workers can manage their time slots according to their availability.
- ◆ Staff Booking System: This functionality helps with booking of the staff for any event.
- ◆ Client Management: This is the section where all the clients are managed. Clients can manage their events with the help of this section. They can view all the workers which are allotted to their events, etc.
- ◆ A user can search for hospitality related workers in his region. The workers will receive message through Twilio for confirmation, and also a call as VOIP. The worker can provide confirmation through the Twilio message or VOIP call that they've received.

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- ◆ Contact number can be shared between a worker and the user. They can then call through Twilio and talk regarding work.
- ◆ Client Event Management System.
- ◆ Show all Events On Google Map.
- ◆ Staff Job Assigning Functionality.
- ◆ Twilio (SMS APIs for Text Messaging, VoIP)
- ◆ Google Map API with Markers
- ◆ Google Location Search API
- ◆ Brain Tree Payment Gateway API.
- ◆ Email Template Integration.
- ◆ Report Export In (CSV, Excel, PDF)

Problem Statement

The system was built to solve the availability issue for the bartenders and the waiters for any events especially for the New York city. The main problem faced in any of the events requiring bar tenders and other staff is to manage their working hours and pay them according to their work hours. Hence, an application was required to manage all the staff and their payroll as per the hours spent by them on the events.

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Challenges during implementation

One of the most important problem we faced was to manage the attendance for the staff in an event as all events are recorded and all staff is managed in this single application.

We also faced issue with the assignment of staff for any of the events.

CIS Solution

In this application, client is the one who creates an event. We have separate logins for each worker. Once event is created, workers are assigned to the event by checking their availability through staff scheduler. We implemented an algorithm to match the workers criteria with the event criteria and assign those workers to the events who are available for the given event's time and location. To resolve the attendance issue we implemented a way to exchange unique codes with the client to log the time for the workers for any of the events.

Positive Outcome








We have built a successful system to manage the staffing solution for any type of events. The project is a success as it has 100+ live customers and our system is successfully serving all the clients and their events.

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Technologies Used



Our Achievements

 14+ YEARS IN BUSINESS	 05 WORLDWIDE OFFICES	 1000+ EXPERT TEAMS	
 12+ Yr WEB EXPERIENCE	 7+ Yr MOBILE EXPERIENCE	 7+ Yr MARKETING EXPERIENCE	 100+ WORLDWIDE CLIENTS

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Gain useful insights into your business with our Business Intelligence & Analytics solutions that have a strong backing of our wide-ranging domain expertise and technology skills.

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