

# Internship Report

**Company:** Quantum Sharq Innovative Solutions, Vellore.

**Role:** Web Developer.

**Duration:** 24/06/2024 to 30/10/2024 (4 months).

## Introduction

During my internship at Quantum Sharq Innovative Solutions, Vellore, I worked as a MERN Stack Developer from 24th June 2024 to 29th October 2024. Over these four months, I was responsible for developing and integrating web application components, primarily focusing on the frontend. My role involved using technologies like React.js, Node.js, Express, MongoDB, and DynamoDB, depending on the project. This internship provided me with valuable hands-on experience in the industry, allowing me to enhance my technical expertise and collaborate effectively with cross-functional teams.

## Project 1: HRMS Website Development

The first project I worked on was developing components for a Human Resource Management System (HRMS) website. I worked on this project from 24th June 2024 to 18th August 2024 as part of a six-member team. My role as a frontend developer involved creating interactive and user-friendly interfaces using React.js. The tech stack included React.js, Node.js, Express, and MongoDB. Through this project, I gained experience in creating charts and dashboards using the React Chart library, enhancing the website's data visualization capabilities.

## Project 2: Siddha Hospital Website

The second project involved developing a website for a Siddha hospital, with the goal of enabling users to book appointments and purchase Siddha medicines online. I worked on this project from 6th September 2024 to 30th September 2024 and built the complete frontend for both the user and admin interfaces as the frontend developer in a team of two. The technology stack included React.js, Node.js, Express, and DynamoDB. I was responsible for designing a responsive interface and integrating it with the backend to support real-time booking and order processing. This experience taught me how to optimize the user experience for healthcare-related services and effectively manage online transactions.

Demo Link : <https://staging.d149opghz37brz.amplifyapp.com/>

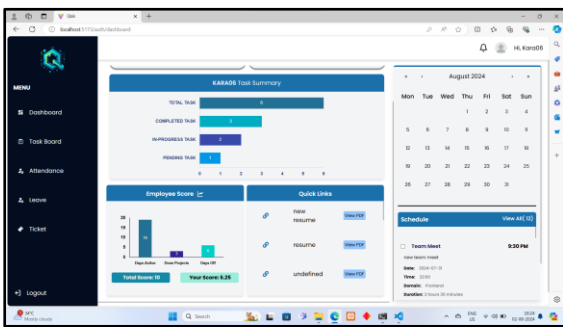
### Project 3: E-commerce Website for Meat and Protein Products

The final project I contributed to was an e-commerce website for selling meat, eggs, and protein drinks, which I worked on from 1st October 2024 to 29th October 2024. I worked independently on the frontend, developing reusable and scalable components using React.js while integrating the system with Node.js, Express, and DynamoDB for dynamic data handling. My responsibilities included designing product display sections, implementing a streamlined user experience, and facilitating smooth navigation from browsing to checkout. This project further honed my frontend development skills, particularly in building responsive interfaces and managing data flow in an e-commerce setting.

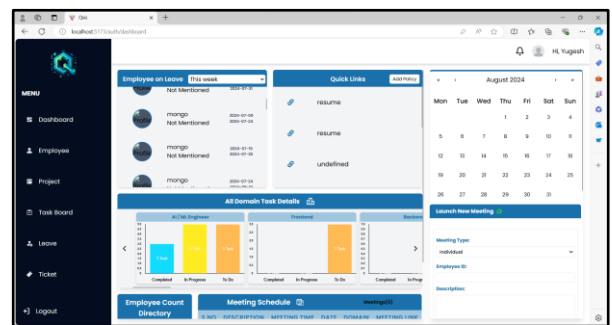
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### PROJERCT SCREENSHOTS:

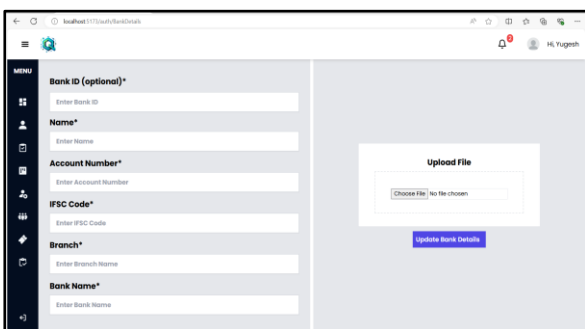
#### HRMS Project:



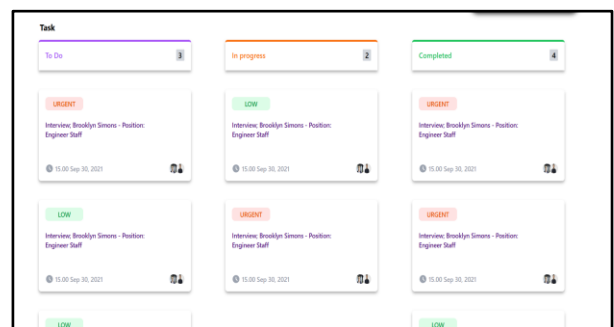
Employee Dashboard



Admin Dashboard

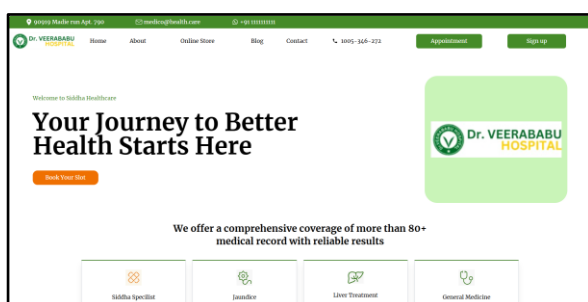


Bank Details Page



Task Page

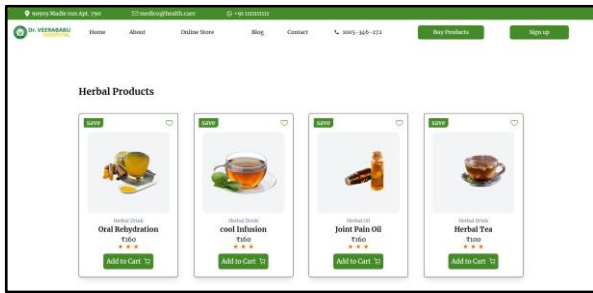
#### Siddha Project:



Home Page



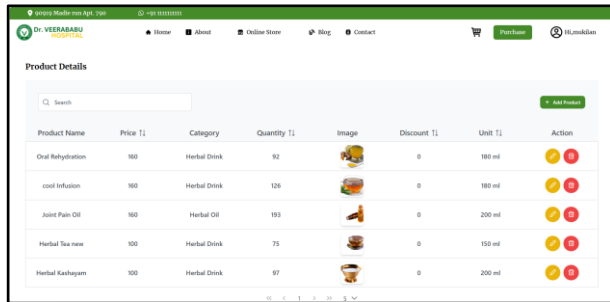
About Page



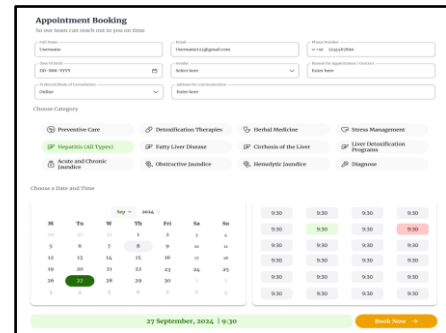
Products Page



Blog Page

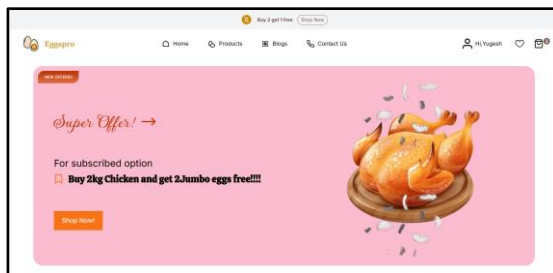


Admin Products View Page

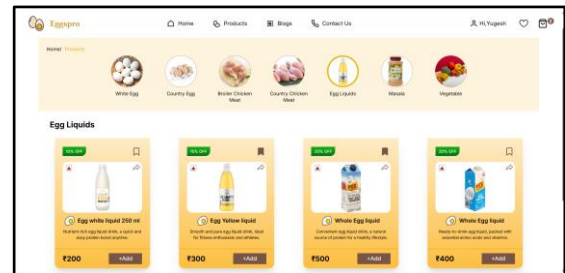


Appointment Page

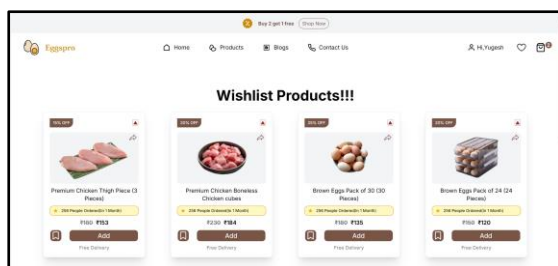
## Egg and Meat Project:



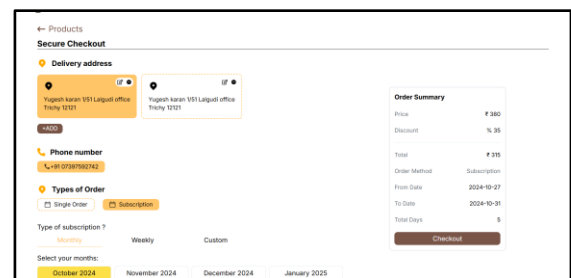
Home Page



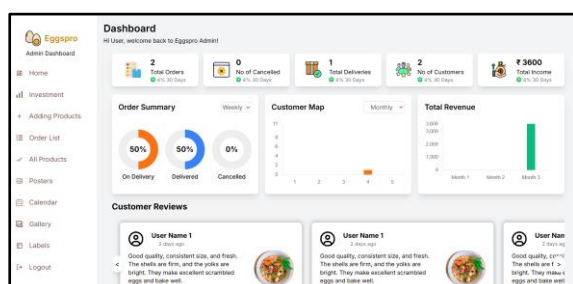
Category Page



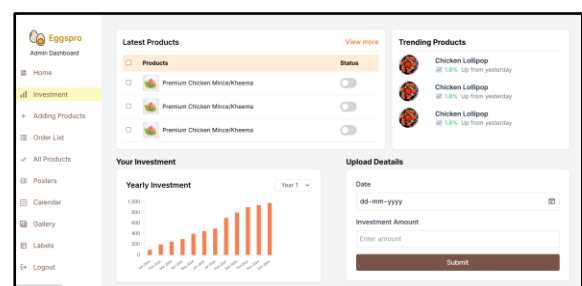
Wishlist Page



Checkout Page



Admin Dashboard



Admin Trends