### **🚀 VeriHarvest Frontend (Web & Mobile App)**

**Role:** Frontend Developer  
 **Module:** **React-based UI for Consumer App, Regulatory & Supplier Dashboards**

## **📌 1. Overview**

This **React.js frontend** enables: ✅ **Consumers** to verify food authenticity by entering a **Batch ID** ✅ **Regulators** to monitor compliance & flagged batches  
 ✅ **Suppliers** to track shipment & real-time sensor data

## **📌 2. How to Run**

### **🔹 Prerequisites**

✅ Install **Node.js & npm** ✅ Install dependencies:

npx create-react-app veriharvest-frontend

cd veriharvest-frontend

npm install

✅ Replace App.js content with the code provided.

✅ Start the frontend server:

npm start

## **📌 3. Testing Frontend**

* Enter a **valid Batch ID** (from the blockchain/backend) and check food details.
* Ensure API calls fetch correct data from **FastAPI backend**.
* Validate UI elements for **mobile responsiveness**.