EDITION

November 2026

iTechnoSol Inc.

PROJECT OVERVIEW

Manufacturing ERP for an Indian colorant maker

Each buyer followed from sample request to dispatch, every raw material receipt checked in QC, and cost seen by machine and batch, on the web.



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CLIENT

An Indian colorant and plastics manufacturer with a sister flexible-film company

INDUSTRY

Manufacturing

PLATFORMS

Web

THE REQUIREMENT

Many buyers asked for a sample before ordering, and those trials were hard to follow up. The two group companies booked orders in very different terms. Later, the plant floor and stores sat outside the system: raw material needed QC before use, and nobody could see output by machine or batch.

WHAT WE BUILT

We first built a web CRM and order portal with sample leads, company-specific sales orders and dispatch notifications. We then added raw material, inventory, production and machine modules. Stores record inward stock, QC verifies it, and production logs raw material, electricity and issues against machines and batches.

THE OUTCOME

Sales staff follow a customer from sample request to order to dispatch in one system. Stores and QC work from one record of each receipt. Managers see production machine by machine and batch by batch, with efficiency and cost reports.

CLIENT PROJECT

What it does

In short: sample request to dispatch, cost by batch.

Sample leads

Buyers who want to test first are logged as sample leads with product, trial code and quantity.

Company-specific sales orders

Colorant orders record product code and kilograms; film orders record micron, width, core and box counts.

Dispatch notifications

Dispatch records transporter and LR number, and customers get an email and SMS when the order is complete.

Raw material master with pricing

Each raw material carries its current price, which feeds the cost reports.

Inward and QC verification

The inward team adds stock on receipt, and QC verifies it and records a QC report.

Machine and batch production

Production logs raw material and electricity use against machines and batches.

Issue tracking

Floor staff raise issues and close them when fixed, with a report of both.

Dashboards and reports

Production and super admin dashboards, plus efficiency, cost, QC and dispatch reports.

BUILT WITH

React · Node.js · Express.js · MongoDB · AngularJS (earlier sales portal) · AWS · GitHub Actions · Git

PLATFORMS

Web

SERVICES

- ERP development
- Web application development
- Custom software development

WORKING WITH US

How a project runs

The same four stages for every project, with working software early and the option to stop after any stage.

STAGE 1

Audit

We map the current process and agree on a first release.

STAGE 2

Trial

A working version on your data before the full build.

STAGE 3

Build

Weekly working demos, integrated with your systems.

STAGE 4

Go live

Rollout to one team, then company-wide.

INCLUDED IN EVERY QUOTATION

- Written scope with dated milestones
- Testing before delivery
- Documentation for your team
- Weekly working demo
- Code in your repository from day one
- Free bug fixes in the warranty period after launch

OUR PROMISES

- **NDA before anything**
- **You own all the code**
- **Your first call is with a founder**

Planning something similar?

Send us a few lines about your project. A founder replies within 4 business hours with an indicative cost and timeline, free and with no obligation.

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