

DASHBOARD PROTOTYPE - SRI CHARAN UPPALA

Overview

This project is a simple frontend prototype of an AGV (Automated Guided Vehicle) monitoring dashboard. The goal was to explore data visualization using Chart.js and basic D3.js while simulating real-time operational data.

The dashboard shows:

- AGV movement inside a warehouse layout
- Live operational metrics
- Simple KPI indicators
- Auto-generated operational events

All data is hardcoded and simulated to represent how real telemetry would behave.

Technologies Used

- **HTML, CSS, JavaScript** — lightweight frontend prototype
- **Chart.js** — real-time charts
- **D3.js (basic usage)** — rendering warehouse layout and moving AGVs

