



## Supported a premier global supply chain and logistics company in handling exceptions 5X faster with a supply chain simulator

### About the Client

- 01** The client is a global supply chain and logistics company that specializes in delivering comprehensive end-to-end logistics solutions
- 02** Provides a variety of services aimed at managing and optimizing the global movement of goods, including:
  - Freight forwarding
  - Warehouse management
  - Transportation management
  - Supply chain consulting

- 03** Serves a range of industries, including automotive, retail, consumer electronics, pharmaceuticals, and industrial products
- 04** Has a significant presence across regions in North America, Europe, Asia, and Latin America

### Business Needs

Manage exceptions dynamically while providing a clear view of risks and potential benefits

Analyze and assess the financial implications of decisions made at various stages of the shipment process for profitability

Analyze various "what-if" scenarios to prioritize implementation

Leverage advanced techniques and technologies to enhance demand forecasting, improve inventory planning and management, and minimize stockouts

### Solutions



Provided data aggregation from across multiple IT ecosystems

Implemented a unified user system for visualization, exception management, and action handling

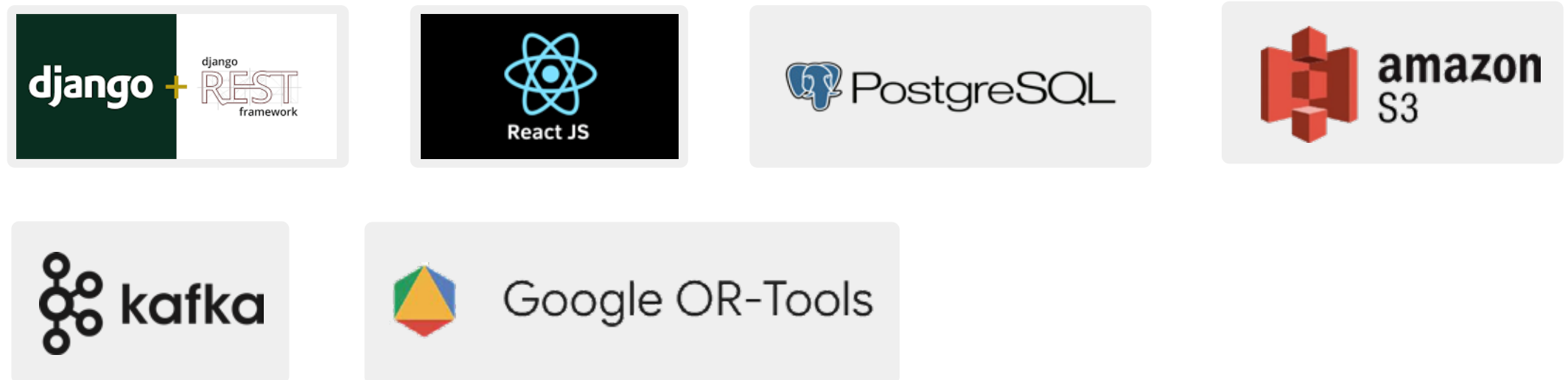
Deployed a background simulation engine to allow users to engage in multitasking

Managed workflow actions and approvals in case of exceptional scenarios

Developed a dynamic single-view dashboard to display the impact on cost, time, SLAs, penalties, and ratings in one centralized location

Created a multi-tenant system to manage various business divisions simultaneously and provide a consolidated view for executive management

### Technology Stack



### Business Impact

- Handled exceptions 5 times faster** through precise business orchestration integrated with the existing IT ecosystem
- Decreased cost overruns** due to unforeseen circumstances **by 10% within the first 3 months**
- Boosted the operational productivity by 20%**
- Improved the lead time and delivery performance by 5%**

## Cybage Supply Chain & Logistics Services

- Supply Chain Planning
- Sourcing & Procurement
- Manufacturing
- Returns Management
- Supply Chain Visibility

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