

Automating Freight Document Processing and Reconciliation with OCR for FreightFit AI

The Client

FreightFit AI is a technology company operating in the logistics industry, focused on streamlining freight operations through automation. It works with complex freight and logistics data to improve efficiency across document-heavy processes.



Business Challenges

Freight operations generate a wide range of document types, including purchase orders, invoices, shipping notices, and rosters. Manually detecting, reading, and extracting data from these documents was slow and error-prone, while reconciling information across multiple document types to catch discrepancies proved difficult to manage manually.

- Manual data extraction across document types was slow and error-prone
- Cross-document reconciliation to catch discrepancies was difficult at scale
- Delays in entry and reconciliation slowed freight operations overall

The Solution

An OCR-based model was built to automatically detect, read, and extract data from multiple freight document types, removing the need for manual entry. The model reconciles extracted data across documents to flag discrepancies and generates system-ready outputs for integration with leading freight and enterprise platforms.

- Detects, reads, and extracts data across multiple freight document types
- Reconciles extracted data across documents to flag discrepancies
- Generates system-ready outputs that integrate with CargoWise, SAP, Oracle, and other platforms



Impact Delivered

The solution delivered significant operational efficiency for FreightFit AI, reducing manual data entry by 80% and enabling reliable reconciliation across multiple document types. Freight operations became noticeably faster as a result, with system-ready outputs integrating smoothly into CargoWise, SAP, Oracle, and other core platforms already widely in use.

- 80% reduction in manual data entry
- Reliable reconciliation across multiple document types
- Faster, more efficient freight operations
- Seamless integration with CargoWise, SAP, Oracle, and more

Technology Stack

- OCR (Optical Character Recognition) model
- Integrations with CargoWise, SAP, Oracle, and other freight/ERP platforms
- Machine learning-based data extraction pipeline
- API-based system integration layer

Services Delivered

- OCR-based document detection and data extraction
- Multi-document reconciliation and discrepancy flagging
- System integration with freight and enterprise platforms

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