

# Building a Unified, Scalable Logistics Backbone with Odoo ERP

Custom Made ERP for Daman Group



# iProgrammer, in a nutshell



## 18 Years of Excellence

For 18 years, iProgrammer has excelled in bespoke product engineering and more.



## 300+ Products Live

Successfully delivered premier products across both web and mobile platforms to date.



## Fortune India 500

iProgrammer has been the technology partner to Fortune India 500 - Hero Corp, Tata Communications and HDFC.



## 350+ Tech Team

We are more than 350 tech experts with a strong background in various leading technologies.



## 4 Million DAUs

Our B2C mobile application developed for Vodafone-Idea currently has 4 million daily active users (DAUs).



## 128 Million End Users

Our applications have been utilized by around 128 million end users globally.

## Company's Brief:

The Daman Group combines logistics, food processing, and heavy vehicle fabrication. The company's logistics business handles a large and varied fleet that supports **multi-route transport operations**, third-party vehicle management, fuel sourcing, vehicle compliance, and driver management at a field level.

The operational complexity is not about scale but about **multiple processes** working together in harmony. The systems related to trip planning, fuel dispensation, vehicle service management, regulatory requirements, and revenue reconciliation are interlinked. If anything is out of sync among, it will automatically lead to inefficiency risk, or revenue leakage.



## Pain Points

**Trip planning fuel management vehicle documentation maintenance and accounting were all done manually** Although each process operated independently, blind spots resulted from the absence of an integrated operational system. This affected real-time decision-making, compliance, and cost control.

The company needed a **single platform** that could handle financial governance and operational orchestration simultaneously without interfering with day-to-day operations.





## **Fragmented trip workflows**

Booking trips, getting loading receipts, getting delivery paperwork, and billing were all handled separately. As a result, operational and accounting records became repetitive, inconsistent, and delayed reconciliation.

## **Limited fuel visibility and accountability**

Consumption of diesel and DEF was manually recorded at various times. Reconciling issued stock with actual vehicle usage remained a recurring challenge in the absence of centralised tracking.

## **Dispersed maintenance and compliance**

There was a risk of noncompliance because vehicle records, repair histories, and maintenance records were scattered across multiple files and spread sheets.

## **Manual driver operations & Absence of real-time insight**

Paperwork and follow-ups were crucial for driver onboarding, trip settlements, advances, and payments, which led to a dependency on people rather than systems. Trip information, accounts receivable, profitability of the vehicle fleet, and expenses were available only when manually consolidated.

# Why Odoo?

Odoo was chosen because of its **adaptable architecture** and capacity to adjust to intricate business environments without imposing process constraints.

Rather than bending Daman's operations to fit predefined software workflows, the ERP was customized to mirror the group's logistics ecosystem. This ensured high user adoption, **minimal operational disruption**, and long-term scalability.

Key factors influencing the decision:

- Native integration between logistics operations and accounting
- Modular extensibility for fleet, fuel, driver, and maintenance workflows
- Mobile-first adaptability for field operations
- Robust reporting framework for management visibility
- Long-term scalability across business verticals

The focus was not on deploying software, but on engineering a digital operating system for logistics.

# Odoo Modules Implemented



## Core Operational Modules

- Trip Management
- Fleet and Vehicle Lifecycle Management
- Fuel and DEF Inventory Control
- Driver Management
- Preventive and Corrective Maintenance



## Finance and Governance Modules

- Accounts Payable and Receivable
- Cash and Bank Management
- Automated Reconciliation
- Vehicle-wise Profit and Loss Analytics



## Mobility and Field Execution

- Mobile application for drivers and field supervisors
- Real-time data capture for trip events, fuel issuance, and documentation
- Field-level operational dashboards

\* Each module was designed to exchange data natively, eliminating manual handoffs and reconciliation delays.

# Disconnected Trip Execution

## CHALLENGE

Trip booking, loading, delivery, and billing existed as disconnected steps, increasing reconciliation time and error rates.

## SOLUTION

- Unified trip workflow from booking to invoice generation
- Digitized loading and unloading receipts
- Automated freight billing and receivables tracking



# Fuel Leakage and Stock Discrepancies

## CHALLENGE

Manual diesel and DEF tracking led to inconsistent stock records and weak accountability.

## SOLUTION

- Centralized fuel inventory management
- Vehicle-level consumption logging
- Procurement and issuance traceability
- Real-time stock and usage dashboards



# Maintenance Blind Spots

## CHALLENGE

Lack of consolidated maintenance history resulted in reactive repairs and compliance risks.

## SOLUTION

- Centralized service logs
- Preventive maintenance scheduling
- Document expiry alerts
- Vehicle compliance dashboards



# Manual Driver Settlements

## CHALLENGE

Trip advances, settlements, and driver payments required extensive manual intervention.

## SOLUTION

- Automated driver settlement workflows
- Trip-linked payment tracking
- Real-time advance and balance visibility



# Absence of Decision Intelligence

## CHALLENGE

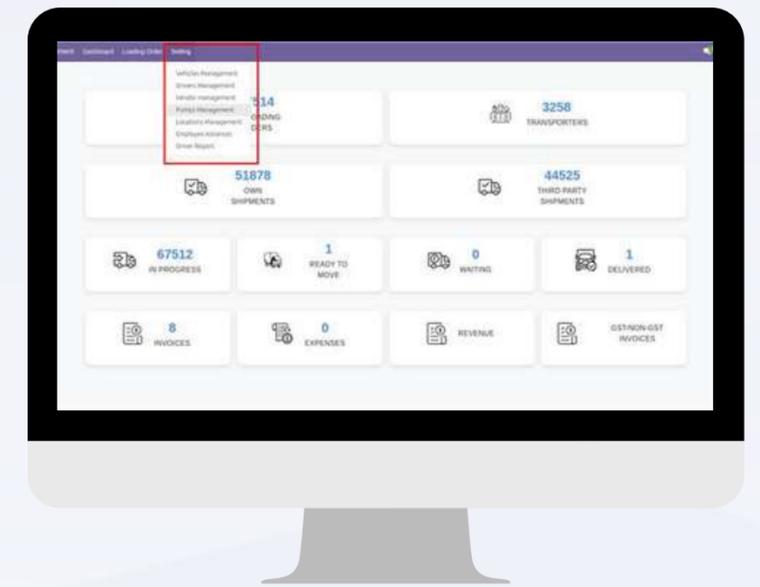
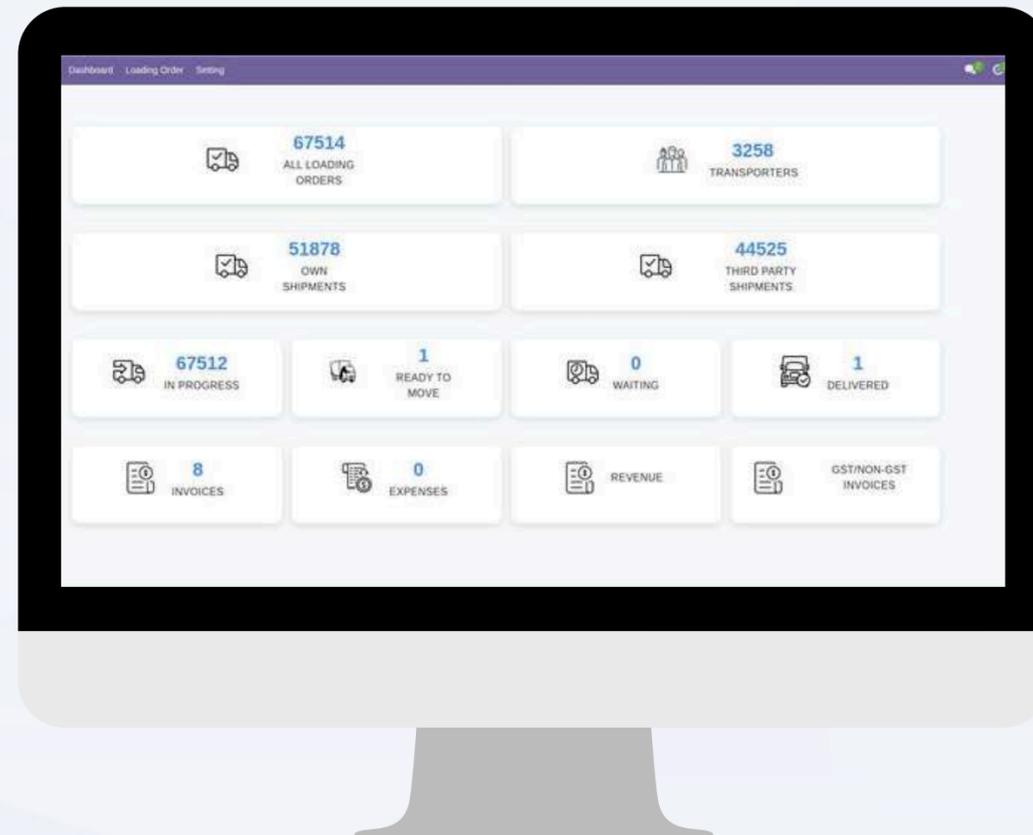
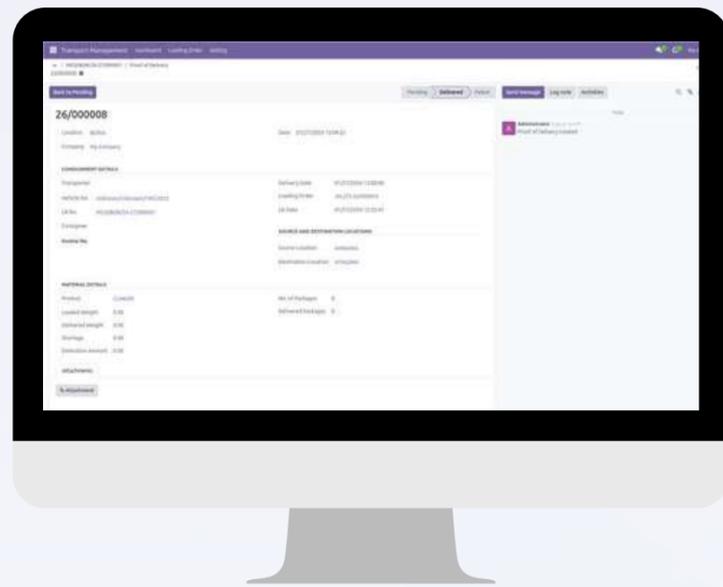
Leadership lacked timely insight into profitability, receivables, and operational efficiency.

## SOLUTION

- Fleet-level performance dashboards
- Vehicle-wise P&L tracking
- Live cashflow and receivables analytics



# Odoo Dashboard Screen



Daman Group's logistics division transitioned from fragmented execution to a fully integrated operational and financial ecosystem.

Every operational action, from trip creation to fuel issuance and driver settlement, now generates structured data that flows directly into finance and management dashboards.

This has created a **transparent, auditable, and highly responsive logistics framework.**

Key business outcomes:

- **40% faster trip billing and settlements & reconciliation**
- Complete **fuel traceability** across vehicles
- Significant **reduction in unplanned maintenance downtime**
- **Real-time operational visibility** across field and management teams
- Reliable **vehicle-level profitability insights**

The transformation has not only brought a degree of operational efficiency to the company but also introduced a digital foundation capable of handling expansion and integration across-verticals.

**RESULT**

“We partnered with iProgrammer Solutions to implement Odoo for our **fleet management operations**. Their team unified vehicle tracking, maintenance, invoicing, and reporting into a single system, giving us real-time visibility and reducing manual coordination across teams.

**iProgrammer** demonstrated strong Odoo expertise, particularly in customization and integrations aligned with our workflows. The project was delivered with clear communication and structured execution, helping us gain better control, efficiency, and scalability across our fleet.”

**Quality**



**Schedule**



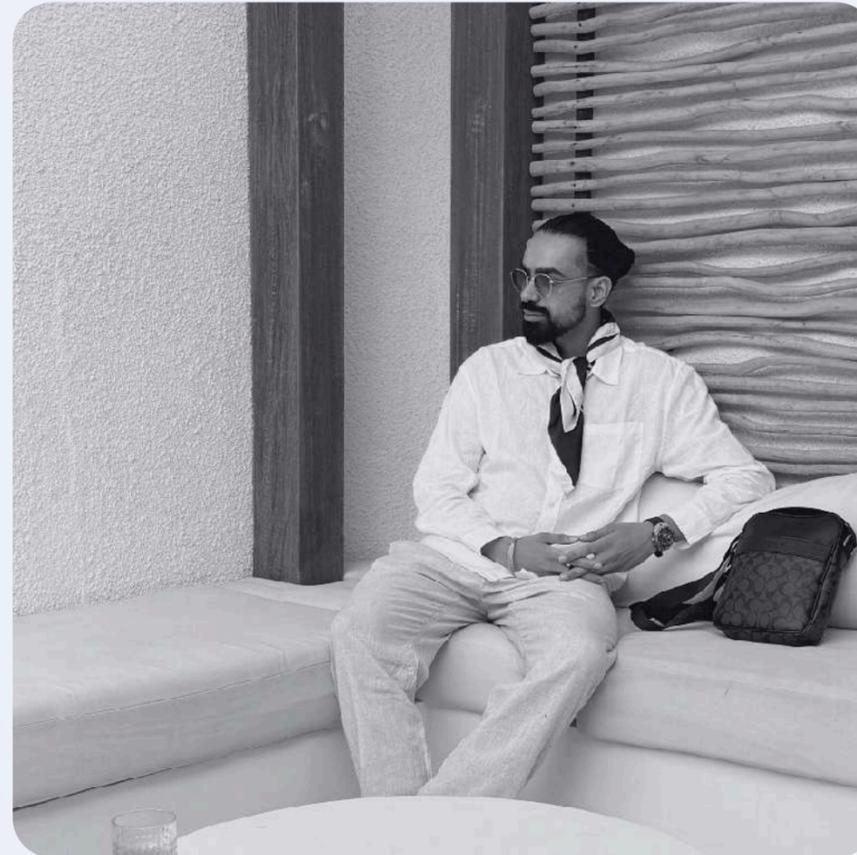
**Cost**



**Willing to refer**



## What Daman Group said about us



**Damanjot Singh**

Director  
**Daman Group**

# What do we offer?

## Our Services



### Product Engineering

- UI/UX Engineering
- Web Application Development
- Mobile App Development
- Backend/Middleware Development
- Frontend Development
- Data Analytics



### Cloud & DevOps

- Cloud Consulting
- DevOps Consulting
- DevSecOps Consulting
- CI/CD & Infrastructure Automation
- Kubernetes Adoption



### Internet of Things (IoT)

- Device Connectivity
- Data Analytics and Visualization
- Security Solution
- Cloud Integration and Management



### Startup Consulting

- Product/MVP Development
- Statutory Compliance Consulting
- Technology Consulting
- Application Development
- UI/UX Design and Business Branding
- Customer Experience Strategy

# What do we offer?

## Our Services



### Next-Gen Technologies

- AI/ML
- Cyber Security Assessment
- Generative AI
- Robotic Process Automation
- Blockchain



### Odoo Services

- Odoo ERP Implementation
- Customization & Development
- Odoo Integration
- Odoo Migration
- Odoo Consultation
- Odoo App Development



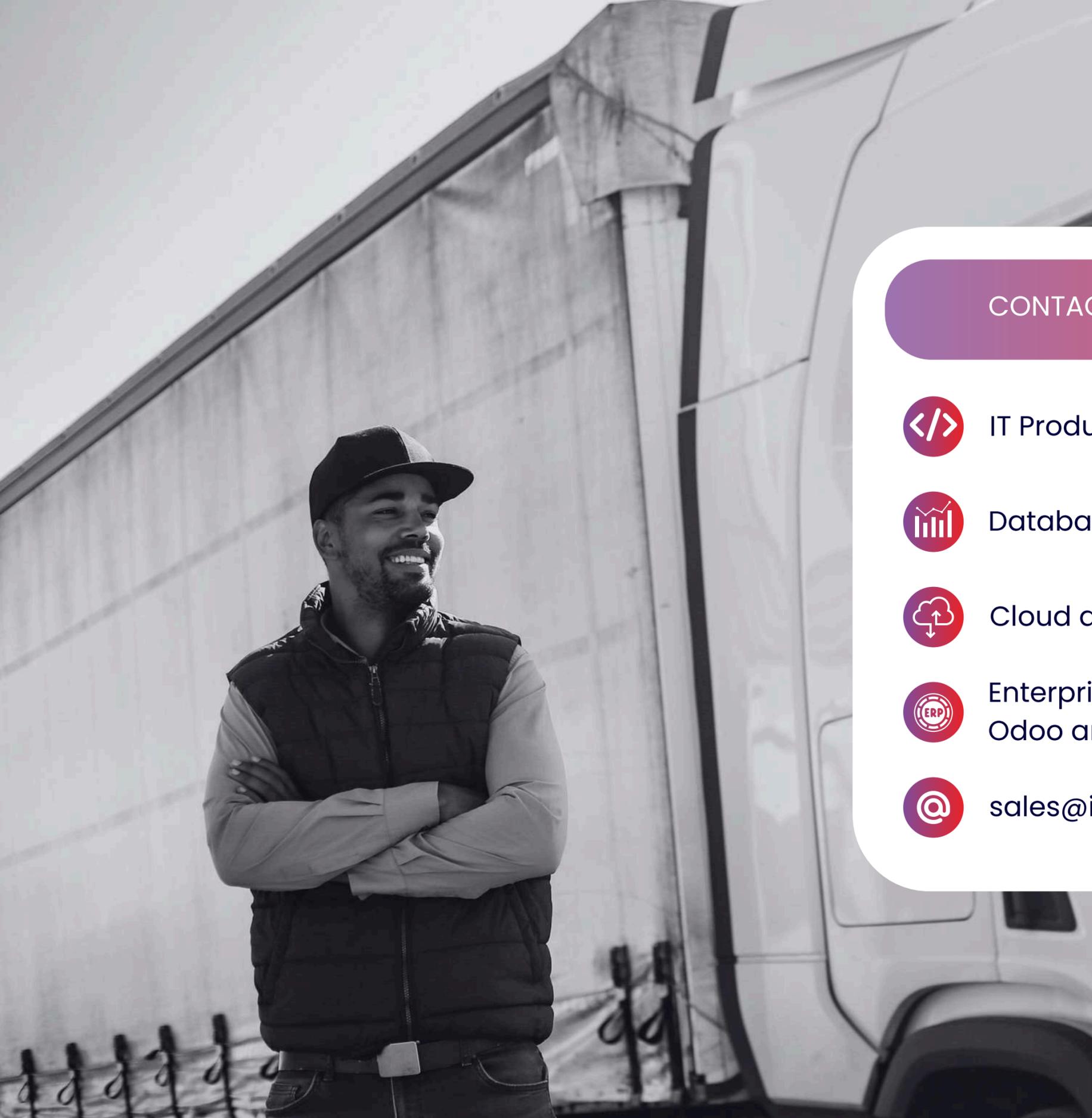
### AI Product Suite

- Crowd Management
- Intrusion Detection System
- Vehicle Analysis
- Product Counting
- Workforce Management
- Security Analysis



### IT Staff Augmentation

- Resource-Based Augmentation
- Domain-Specific Augmentation
- Skill-Specific Augmentation
- Project-Based Augmentation
- Offshore & Nearshore Augmentation



## CONTACT US FOR



IT Product Engineering



Database Analytics



Cloud and DevOps



Enterprise Solutions (Salesforce, Odoo and Oracle)



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