

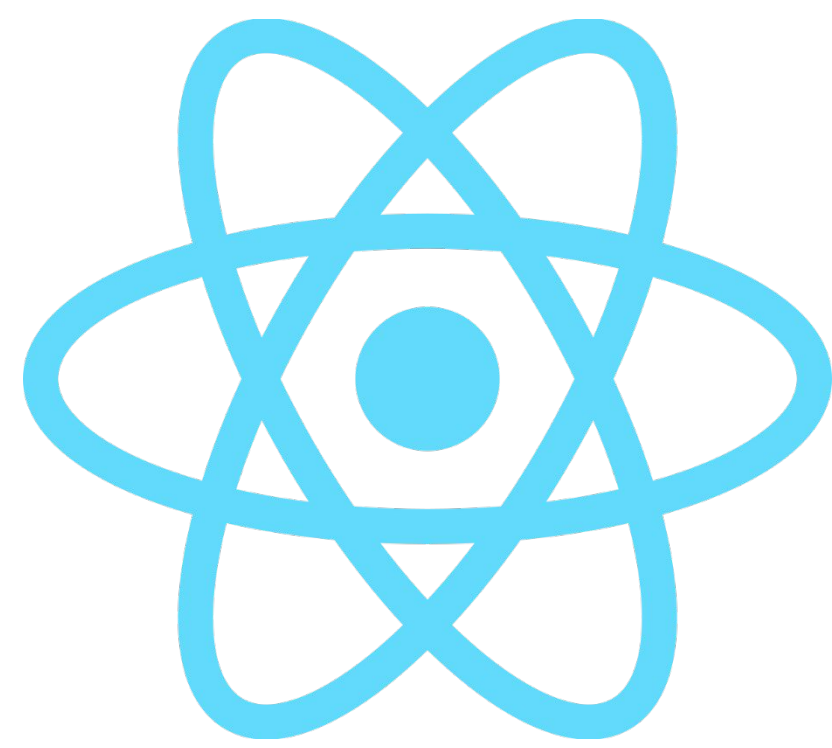
Business Need

The current paper-based system for delivery loads forces truck drivers to handle physical tickets, leading to inefficiencies, errors, and delays. A streamlined digital solution is needed to let drivers log load data in real time and give administrators tools to efficiently manage, analyze, and export accurate delivery and billing information.



The Solution

A Full-Stack Progressive Web App that allows drivers to enter in the ticket information as they receive and capturing a picture to digitize the ticket. Also, an admin dashboard to allow for data management and exporting data for billing purposes. We built this using Firebase, React with Vite, and Tailwind CSS.



Driver Dashboard

- User Authentication and Onboarding
- Driver can create and close tickets
- Picture capture of tickets
- Professional Mobile UI/UX

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Create New Pickup

Create New Pickup Load

Load Number

Enter Load Number

Date of Pickup *

05/01/2025

Ticket Number *

Enter ticket number

Driver Name

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Product Name *

Select Product

Driver Create Load Mobile Page

View Reports

Export Data

Load Management

All

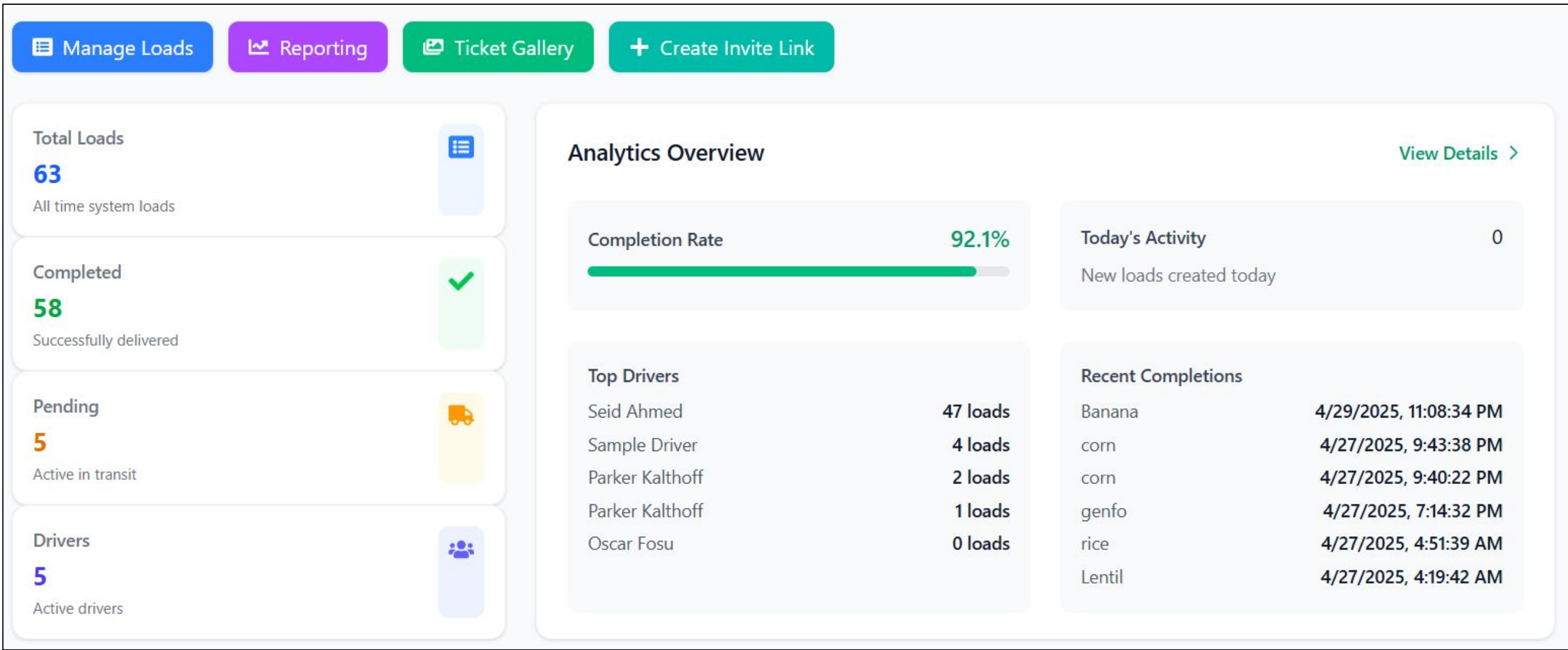
Search loads...

PRODUCT	CUSTOMER	PICKUP	DROPOFF	CREATED	COMPLETED	NOTES	ACTIONS
Banana	DSM	moorhead	Minneapolis, MN	04/30/2025 11:32:19 pm	Not Yet		View Edit Delete
Banana	UND	moorhead	Fargo, ND	04/29/2025 11:14:24 pm	Not Yet		View Edit Delete

Admin Data Management

Admin Dashboard

- Data Management
- Export Reports as PDF
- Strict Security and Data Integrity
- Ability to switch to driver view for testing



Main Admin Dashboard

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Load Management Report

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Generated on: 5/1/2025

Report Period: Monthly (April 2025)

Summary Statistics

Metric	Value
Total Loads	45
Completed Loads	40
Pending Loads	5

Load Details

Ticket #	Product	Customer	Driver	Lane	Created	Compl.	Status
10	Banana	DSM	Admin-1	moorhead DEVILSLAKE	4/30/2025	N/A	Pending
1	Banana	UND	seid abdu	moorhead DEVILSLAKE	4/29/2025	N/A	Pending
43	Banana	abc	seid abdu	moorhead DEVILSLAKE	4/29/2025	4/29/2025	Completed
23	Lentil	NDSU	Seid Ahmed	moorhead DEVILSLAKE	4/29/2025	N/A	Pending
1001	corn	NDSU	Parker Kalthoff	moorhead DEVILSLAKE	4/27/2025	4/27/2025	Completed
10001	corn	NDSU	Parker Kalthoff	moorhead DEVILSLAKE	4/27/2025	4/27/2025	Completed

Admin PDF Data Report