PITCHDECK

Vehicle Selector Pro

A Production-Grade Shopify App for Vehicle Fitment

CLIENT DELIVERABLE · AUGUST 2026

Live demo: https://vehicle-selector-pro.fly.dev/demo

Merchant admin: https://vehicle-selector-pro.fly.dev/demo/admin

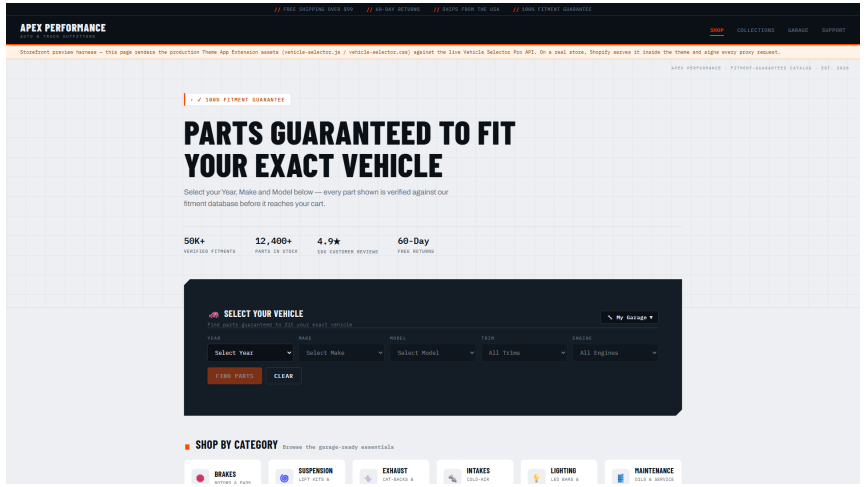
Repository: https://github.com/ai-dev-2024/vehicle-selector-pro

THE PROBLEM

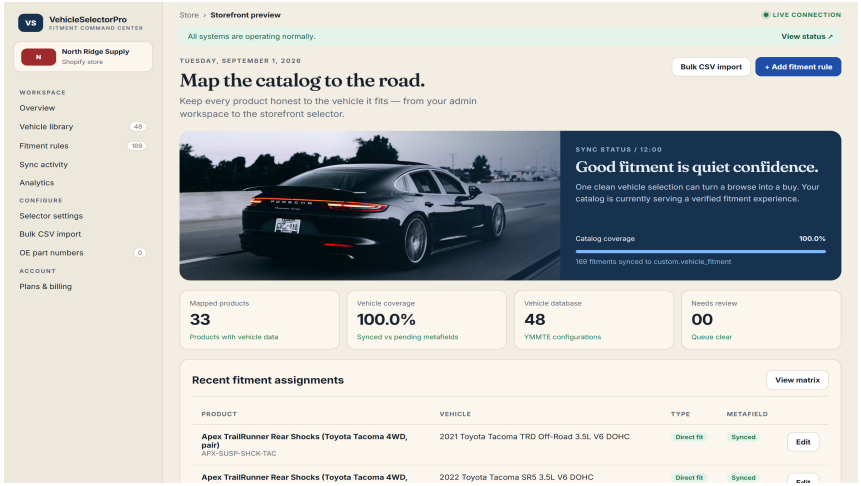
Aftermarket parts sell badly online — compatibility is the whole sale

A brake pad or wiper blade only fits an exact Year / Make / Model / Trim / Engine. Wrong-fit means wrong parts, angry customers, and costly returns — so fitment data becomes the product.

- Dense compatibility tables bury the answer
- Per-product manual rules rot and cost hours
- Paid fitment feeds lock merchants into contracts
- Built end-to-end with free AI tooling on a 2018 ASUS ZenBook — proof of the headroom ahead



Cascading vehicle selector — storefront



Polaris merchant command center

THE SOLUTION · ONE DATASET, SYNCED EVERYWHERE

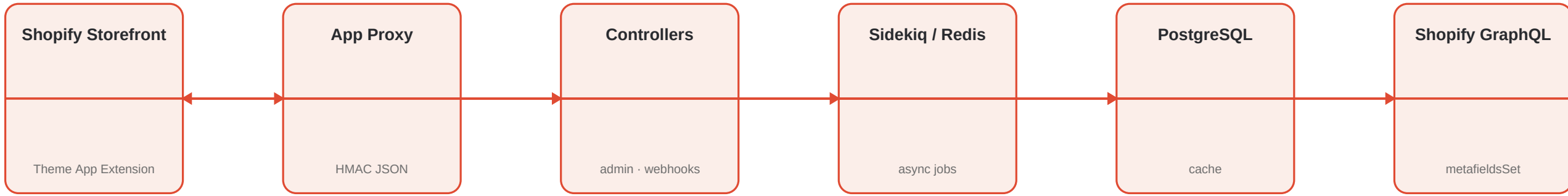
A real, browsable demo catalog already in production

48	402	74	25
YMMTE configurations	verified fitments	mapped products	brands represented

Fitments entered once into a normalized cache, pushed to Shopify metafields, and served to shoppers behind an HMAC-signed App Proxy — Guaranteed Exact / Does-NOT-Fit / Universal badges on every product page.

HOW IT WORKS

A cascading fitment engine, engineered for production



Zero ScriptTag API — pure Theme App Extension, signed App Proxy, and safe webhooks.

READY WHEN YOU ARE

See it live — watch it run

› **Try the live storefront demo** — https://vehicle-selector-pro.fly.dev/demo

› **Explore the merchant admin** — https://vehicle-selector-pro.fly.dev/demo/admin

› **Open the repository** — https://github.com/ai-dev-2024/vehicle-selector-pro

› **Watch the two narrated walkthroughs** — https://ai-dev-2024.github.io/vehicle-selector-pro/demo/videos.html

Both the live storefront and merchant admin are running right now.