REVAULTED

Full Capability Deck

Every buyer, seller and admin feature — plus automations, wizards, scans, health checks and integrations — and the real-world problem each one solves.

A trust-first commerce platform engineered for operational reliability.

Prepared 2026-06 • React + FastAPI + MongoDB • Buyer-ready capability catalogue

How to read this deck

Generic marketplaces are judged on how many listings they can stack up. Buyers and operators do not actually want volume — they want to trust what they buy, get it delivered, and resolve issues fast. ReVaulted is built around that trust.

Each section below starts with a real problem a buyer, seller or operator runs into, then shows the exact feature ReVaulted uses to turn that problem into a competitive strength. The capability tables that follow are the complete, shipped feature inventory — nothing aspirational.

THE PROBLEM	"Marketplaces feel risky — will the item be as described, will it ship, and who helps me if it goes wrong?"
HOW REVAULTED WINS	ReVaulted layers verified trust badges, protected escrow-style order flow, automated fraud and counterfeit scoring, image-quality gates, and a daily self-testing QA engine so quality and reliability are enforced by the platform, not left to chance.

Platform at a glance

Area	Summary
Stack	React + TypeScript frontend, FastAPI backend, MongoDB data layer, JWT email/password auth plus managed Google sign-in.
Two storefronts	ReVaulted (pre-loved / value-led commerce) and a reusable Domashna Gradina niche-site variant sharing the same infrastructure.
Roles	Buyer, Seller and Admin, with server-enforced role checks and admin MFA step-up on every privileged action.
Self-testing	A Purchase QA 'Wingman' runs daily and a supplier-readiness sweep runs every two hours to catch regressions before customers feel them.
Live integrations	Stripe (payments), Resend (transactional email), Shippo (EU shipping rates), and Emergent LLM (AI) — all behind safe, keyed gates.

1 • The Buyer Experience

THE PROBLEM	Shoppers abandon marketplaces when they cannot judge quality, cannot calculate real shipping, or feel exposed at checkout and after the sale.
HOW REVAULTED WINS	ReVaulted gives buyers trust and safety signals on every listing, transparent shipping math, a protected payment-first order flow, and built-in messaging, reviews, returns and dispute tooling so the whole journey feels safe end-to-end.

Capability	What it does
Browse & discovery	Public catalogue with category, price, condition, seller and keyword filters, plus a country filter so buyers only see what can actually ship to them.
Listing detail	Rich product page with variant picker, shipping calculator, safety badges, trust badge and seller review history.
Trust & safety signals	Per-listing safety badges and trust scoring surface authenticity and reliability before a buyer commits.
Cart & favorites	Persistent cart and a favorites list so buyers can collect and compare before purchase.
Protected checkout	Stripe-powered checkout where the order is only created after payment is confirmed — no 'paid but no order' gaps.
Orders & tracking	Order history with live shipment tracking and receipt-status visibility at each stage.
Confirm receipt	Buyers confirm delivery, which opens a clear 48-hour dispute window rather than an open-ended limbo.
Messaging	Direct buyer–seller chat with typing indicators and read receipts, moderated by an AI safety classifier.
Reviews	Structured review submission and seller review lists that build durable reputation.
Returns & disputes	Self-service returns, dispute panel with evidence, and AI-assisted dispute suggestions.
Report listing	One-click report control routes suspect listings into the admin moderation queue.
Notifications	Notification bell plus granular notification preferences for orders, messages and account events.
AI premium support	An AI support assistant answers with full order context and escalates automatically when needed.

2 • Seller Operations

THE PROBLEM	Sellers lose time and money to clunky listing tools, stock drift, surprise shipping costs, slow payouts and no easy way to grow their store.
HOW REVAULTED WINS	ReVaulted gives sellers a guided listing flow, bulk import, live inventory and dropship sync, real carrier rates with one-click labels, a wallet with withdrawals, and a full growth toolkit (boosts, discounts, referrals, social) — all in one dashboard.

Listing & catalogue

Capability	What it does
Guided listing creator	Create/edit listings with internal and dropship product fields, variant matrix, and shipping fields.
Niche 'Gradina' stepped form	A stepped listing form (category → attributes → condition → pricing → shipping → image hints → SEO preview) for the niche-site variant.
Bulk import	Import many products at once from CSV files or from a source URL, with a parser and preview.
Image quality gate	Image-quality panel flags poor photos and a resubmit dialog lets sellers fix them before listings go live.
Price history	Per-listing price history so sellers can see and justify pricing moves.
Publish readiness	A readiness check validates a listing is complete before it can be published.

Inventory, dropship & fulfilment

Capability	What it does
Inventory sync & audit	Inventory audit table plus a sync tool keep stock accurate across owned and dropship products.
Dropship & suppliers hub	Supplier profiles, dropship overview, fulfilment panel, per-seller shipping rates and a webhook queue.
Dropship health	Health counts flag dropship listings missing cost, supplier reference or availability before they cause failures.
Shipping & labels	Live Shippo rate quotes, a guarded single-purchase label buy, and automatic buyer tracking emails.
Seller fulfilment actions	Acknowledge orders, add tracking (carrier-validated), and manage receipt status from one panel.
Webhooks & sync links	Outbound webhook queue, a self-serve webhook secret, and managed sync links to external sources.

Revenue & growth

Capability	What it does
Wallet & payouts	Seller wallet balance, revenue table, withdraw panel, and Stripe Connect onboarding for payouts.

Capability	What it does
Boosts & gifting	Always-on and one-off listing boosts funded atomically from wallet credits, plus boost-credit gifting between users.
Discounts	Quick discount dialog and AI-driven discount suggestions to move inventory.
Referrals	A referral panel to drive seller- and buyer-side growth loops.
Returns & auto-refunds	Returns panel plus an auto-refunds history so refund handling is transparent and fast.
Social posting	Social post builder, content library, scheduler calendar/queue and brand-content tools to market listings.

3 • The Admin Control Center

THE PROBLEM	As a marketplace grows, operators drown in fraud, bad listings, disputes, supplier chaos and compliance risk — usually caught only after customers are hurt.
HOW REVAULTED WINS	ReVaulted ships an operator cockpit: fraud and counterfeit scoring, moderation and approval queues, KYC and trust-score history, escrow release controls, a full products/scrapers/normalization stack, audit logs, and admin MFA on every sensitive action.

Admin Panel (tabbed hub)

Capability	What it does
Orders & escrow	Review orders held in the protected flow and release escrow on delivered orders past the dispute deadline.
Users	User directory and detail views with moderation tools, device/IP history and KYC verification status.
Analytics	Visitor analytics and platform analytics views.
Financial	Financial panel, margin settings and boost-revenue reporting.
Suppliers & fulfilment	Supplier manager and admin order fulfilment controls.
Rules engine / product review	A product review queue with a rules engine, pending-approval queue, flagged listings and flag-decision controls.

Trust, safety & compliance

Capability	What it does
Fraud & counterfeit scoring	Fraud panel with risk indicators and counterfeit risk scoring to intercept bad actors.
Content moderation	Moderation queue, content moderation tools, avatar review and sort/review controls.
Trust & KYC	Trust-score timeline, KYC verification status and user moderation tools.
Audit logs	Platform audit logs and per-listing audit history for full traceability.
Safety & compliance	A safety/compliance panel and a security fix library for stored remediation prompts.
Security fixes	Admin can detect and apply catalogued security fixes and run a security audit from the dashboard.

Data, products & operations

Capability	What it does
Products hub	Products overview, inventory analytics, price-competitiveness and pricing-rules panels.
Scrapers	Scraper overview, run-all, per-source detail, manual supplier detail, availability sweep, auto-publish report and recent imports.
API integrations	Integration panel, scraper coverage, run-sync-now, data-normalization settings and section action toolkit.

Capability	What it does
Normalization	Coverage, duplicate-review and error-center panels, plus gender/category classification backfills.
Category mapping	Category mapping editor and bulk category editor to keep taxonomy clean.
AI Companion	Admin AI companion dashboard with prompt editor, sandbox, settings and analytics widgets.
Email templates	Manage transactional email templates and the email queue schedule.
Cloud monitor & operations	A cloud monitor and an operations hub for system health and ops tooling.
Impersonation	'Act as Seller' / 'Act as Buyer' to reproduce and support user issues safely.
Payments & tracking audit	Payments audit tab, tracking review and Brevo/automation logs.

4 • Automations

THE PROBLEM	Manual operations do not scale — prices drift, stale listings linger, fraud slips through, and overdue orders pile up when a human has to do everything.
HOW REVAULTED WINS	ReVaulted exposes a dedicated Automations hub of 25+ operator flows that continuously keep the catalogue, pricing, moderation, fulfilment and growth engines healthy, so the marketplace largely runs itself.

Operational automation flows

• Product sync	• Rebuild categories	• Content moderation
• Cache clear	• Auto-cancel overdue orders	• Escrow release
• Fraud scan	• Tracking poller	• Shippo webhook handler
• Customer experience engine	• Security abuse scan	• BI forecasting
• Creator / affiliate engine	• AI moderation	• Globalization
• Inventory engine	• Seller performance	• SEO & social
• Ad generator	• Dropship price sync	• Recommendations
• Customer lifetime value	• Premium support AI	• Marketing engine
• Sentiment analysis	• Perks engine	• Loyalty engine
• VIP concierge	• Affiliate deals	• Discount engine
• Scheduled audit	• Listing availability sweep	• Dedup / merge engine

Each automation has its own dashboard runner with status, history and manual trigger. Provider-dependent automations (e.g. GitHub sync, Brevo) are present as safe, clearly-labelled stubs until their external credentials are connected.

5 • Guided Wizards

THE PROBLEM	New operators do not know where to start, and fixing a misconfigured store or launching a first ad is intimidating and error-prone.
HOW REVAULTED WINS	ReVaulted ships a unified wizard system that walks an operator step-by-step through setup, store fixes, growth and integrations — with live diagnostics and alerts — so complex operations become guided, confidence-building flows.

Wizard	What it guides the user through
First-Run Setup	Onboarding wizard covering email templates, social media, automation config, summary preferences and personalization.
Fix My Store	A guided diagnostic that finds and helps resolve store-health issues.
Launch My First Ad	A step-by-step flow to create and launch the first ad campaign safely.
Platform Health Check	A guided health wizard with live diagnostics across the platform's dependencies.
API Configuration	Guided setup for API integrations and keys.
Scraper Integration	Walks through connecting and validating a scraper source.
Data Source Integration	Guided onboarding of a new data source.
Integration Diagnostics	Step-by-step verification that integrations are wired correctly.
MFA Enrollment	A dedicated 2FA enrollment wizard with QR provisioning, verification and recovery codes.

Wizards share a common engine with alert banners and alert history, so unresolved issues keep surfacing until they are handled.

6 • Scans, Health Checks & Self-Testing QA

THE PROBLEM	The worst marketplace failures — a broken checkout, a payment that charges but never ships, a webhook that silently drops — are usually discovered by angry customers, not the operator.
HOW REVAULTED WINS	ReVaulted continuously tests itself. A Purchase QA 'Wingman' runs safe, tagged end-to-end checkout simulations daily, a supplier-readiness sweep runs every two hours, and an 18-tab QA dashboard plus a scans hub give operators living proof the platform is healthy.

Purchase QA Wingman — what it verifies (safely, every day)

Check	What it proves
Owned-inventory checkout	Simulates a real owned-listing purchase using only tagged QA records, then verifies full cleanup and that stock is restored exactly.
Payment contracts	Stripe TEST-mode only: proves success+refund, pending-then-cancel, and declined-card handling all behave correctly.
Webhook integrity	Confirms invalid webhook signatures are rejected and duplicate webhooks are idempotently de-duplicated.
Dropship readiness	Checks a dropship QA listing is active with supplier cost and reference, and that a live shipping rate is returned — without ever placing a supplier order or buying a label.
Notification readiness	Confirms transactional email is configured without sending a QA email.
Tracking readiness	Confirms the shipping/tracking provider is configured.

Reliability trends & scheduling

Capability	Detail
Reliability trends	Aggregates every run into readiness-by-dependency percentages and a recurring-issue list, with evidence-rich run history.
Daily full QA	Scheduled cron runs the full safe purchase QA every day at 06:00 to catch checkout and fulfilment regressions.
2-hourly supplier sweep	A scheduled cron checks dropship supplier and carrier readiness every two hours without ordering.
Payment-failure trigger	A failed async payment automatically kicks off a targeted QA run in the background.

QA Dashboard — operator health suite

The admin QA dashboard groups the platform's self-checks into focused tabs so an operator can prove, at a glance, that every subsystem is healthy.

QA dashboard tabs

• Integrations report	• Purchase QA Wingman	• Purchase reliability trends
• Diagnostics	• Seeder	• Flow tests
• RLS tester	• Shipping validator	• Safety pipeline
• Escrow lifecycle	• AI health check	• CI health check
• Dependency audit	• Workflow validator	• Crash prevention
• Infrastructure monitor	• Ops tools	• System health

Integration & Flow Report — live dependency checks

Dependency	What the check reports
Email	Verifies Resend domain/DNS status or proves send capability with a canary.
Shipping (Shippo)	Confirms the Shippo token and returns a live EU rate quote.
Shipping (Econt)	Sandbox rate check for BG→RO (clearly labelled as sandbox).
Coverage	Confirms UK/US are excluded and EU destinations are included, honestly.
Authentication	Confirms an admin account exists, counts users, and verifies Google auth is active.
Payments	Reports Stripe key presence, mode and webhook-secret configuration — never the secret itself.
AI	Confirms the LLM key is present and reports the default provider/model.
Storage	Confirms the object store is reachable.
Two-factor	Counts verified TOTP factors to confirm MFA is live.

A scans hub additionally runs registry-driven security, abuse and dependency scans with a per-scan runner page.

7 • Security & Trust Posture

THE PROBLEM	A single data leak or an injection bug can sink a marketplace's reputation and expose confidential seller economics to competitors.
HOW REVAULTED WINS	ReVaulted has passed an independent read-only re-audit with no material functional issues. Confidential economics are walled off from public access, queries are allow-listed, auth is hardened, and every privileged admin action requires session-bound MFA step-up.

Capability	What it does
Protected economics	Listing cost, payout, fee, margin, platform-revenue and supplier fields are excluded from buyer/non-owner access and cannot be filtered or ordered publicly.
Query hardening	The generic query engine allow-lists fields and operators, length-bounds and escapes regex terms, and rejects field/operator/path injection.
Admin MFA step-up	Every sensitive admin action requires a server-side, session-bound TOTP step-up (valid 24h per session).
Hardened auth	Bcrypt hashing, 5-attempt/15-min lockout, secure cookies, session versioning, and single-use short-lived password-reset tokens that invalidate prior sessions.
CSRF & CORS	Strict origin allow-list with Origin/Referer checks on cookie-based writes, plus CSP, HSTS, X-Frame-Options and nosniff headers.
Safe uploads	Type-restricted uploads with a 25MB cap, owner/admin write scoping, and sandboxed response headers on public objects.
Scoped RPCs	Supplier directory and webhook-secret reveal are gated behind authentication; recovery codes are hashed and single-use.
Safe email	Every outbound email passes a safety gate that blocks forms, credential-phishing phrases, non-HTTPS links and link shorteners.

Note: the independent re-audit is diligence evidence, not a formal security certification.

8 • Integrations & AI

THE PROBLEM	Bolting on payments, email, shipping and AI usually means brittle, half-finished integrations that break quietly in production.
HOW REVAULTED WINS	ReVaulted wires each provider behind a safe, keyed, independently health-checked gate — and the self-testing QA engine proves they keep working, so a buyer inherits integrations that are live and monitored, not aspirational.

Integration	What is wired
Stripe (payments)	Checkout sessions with server-side price/currency/quantity validation, payment-first order creation, signature-verified webhooks, refunds, and a test-mode QA harness.
Stripe Connect	Seller payout onboarding flow (onboarding currently stubbed pending live activation).
Resend (email)	Transactional templates for welcome, password reset, order (buyer+seller), tracking, refund, dispute and security/MFA events — all behind a phishing-safe gate.
Shippo (shipping)	Live EU rate quotes and guarded label purchase with buyer tracking emails; UK/US explicitly excluded; no QA label is ever bought.
Emergent LLM (AI)	Listing descriptions, premium support replies, social/ad content, listing & message safety classification, sentiment and dispute-evidence scoring across OpenAI and Anthropic models.
Google sign-in	Managed Google OAuth alongside JWT email/password auth.
Econt (shipping, BG)	Sandbox rate checks today; production credentials are a labelled go-live item.

9 • Full Navigation Map

Every sidebar destination in the dashboard, so a buyer can see the complete operational surface area in one view.

Selling & account (all users)

• Overview	• Orders	• Messages
• All Listings	• Inventory	• Dropship & Suppliers
• Shipping	• Revenue	• Returns
• Disputes	• Withdraw	• Referrals
• Notifications	• Settings	

Admin core

• Admin Panel	• Product Review (rules engine)	• Visitor Analytics
• Operations	• Social Engine	• Social Scheduler
• Normalization	• Own Products	• Dropship Products
• Products Overview	• Duplicates	• API Integrations
• Scrapers	• AI Companion	• Payments Audit
• Tracking Review	• Brevo Log	• Audit Logs
• Email Templates	• QA Dashboard	• Wizards
• Scans	• Automations	• Cloud Monitor
• Act as Seller	• Act as Buyer	• Install Desktop App

A built-in sidebar search indexes sub-features within each page, so operators can jump straight to any tool.

Why this matters for a buyer

This is not a thin MVP. It is a trust-first marketplace with a complete operator toolchain, a self-testing reliability engine, hardened security, and live integrations — the hard, expensive parts of a marketplace are already built, tested and documented. A buyer acquires a running operational foundation and can focus capital on supply, category and distribution.

Evidence standard: no revenue, valuation, customer-count or market-size figure is asserted in this deck. Capabilities listed are the shipped feature inventory of the platform; commercial performance is to be validated in diligence.