Traders Launch

Trader evaluation and account operations platform

TRADER EVALUATIONS. STREAMLINED OPERATIONS.

7,500+ Traders



Emilian Manolache
Senior Full-Stack Developer

Full-stack evaluation engine architecture / Trading permission & risk controls / Tradovate & WooCommerce APIs

2023

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FINTECH / UNITED STATES

TRADER EVALUATIONS. CONNECTED OPERATIONS.

7,500+

Traders

THE OPERATING ENGINE

Commerce intake.
Account provisioning.
Trading permissions.
Evaluation follow-through.

2023 · SENIOR FULL-STACK DEVELOPER

I architected and developed the administration engine connecting WooCommerce intake with Tradovate account operations.

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COMMERCE INTEGRATION

FROM COMMERCE INTAKE TO AN EVALUATION ACCOUNT

A WooCommerce PHP hook feeds the backend provisioning workflow.

WooCommerce

Billing and package fields enter the application.

→

Local records

Create the trader and linked evaluation account.

→

Tradovate

Request a demo account from a configured template.

PROVISIONING DETAILS

Account naming

Generate a trader-based name with bounded creation attempts.

Platform identity

Store the returned platform IDs against the account record.

Trading access

Request platform permissions and market-data subscriptions.

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PRODUCT DATA MODEL

ONE TRADER. MULTIPLE ACCOUNTS.

Separate profile and account records preserve the relationship across evaluations.

Trader profile

Identity + contact details

→

Evaluation account

Account ID · tier · status

Evaluation account

Account ID · tier · status

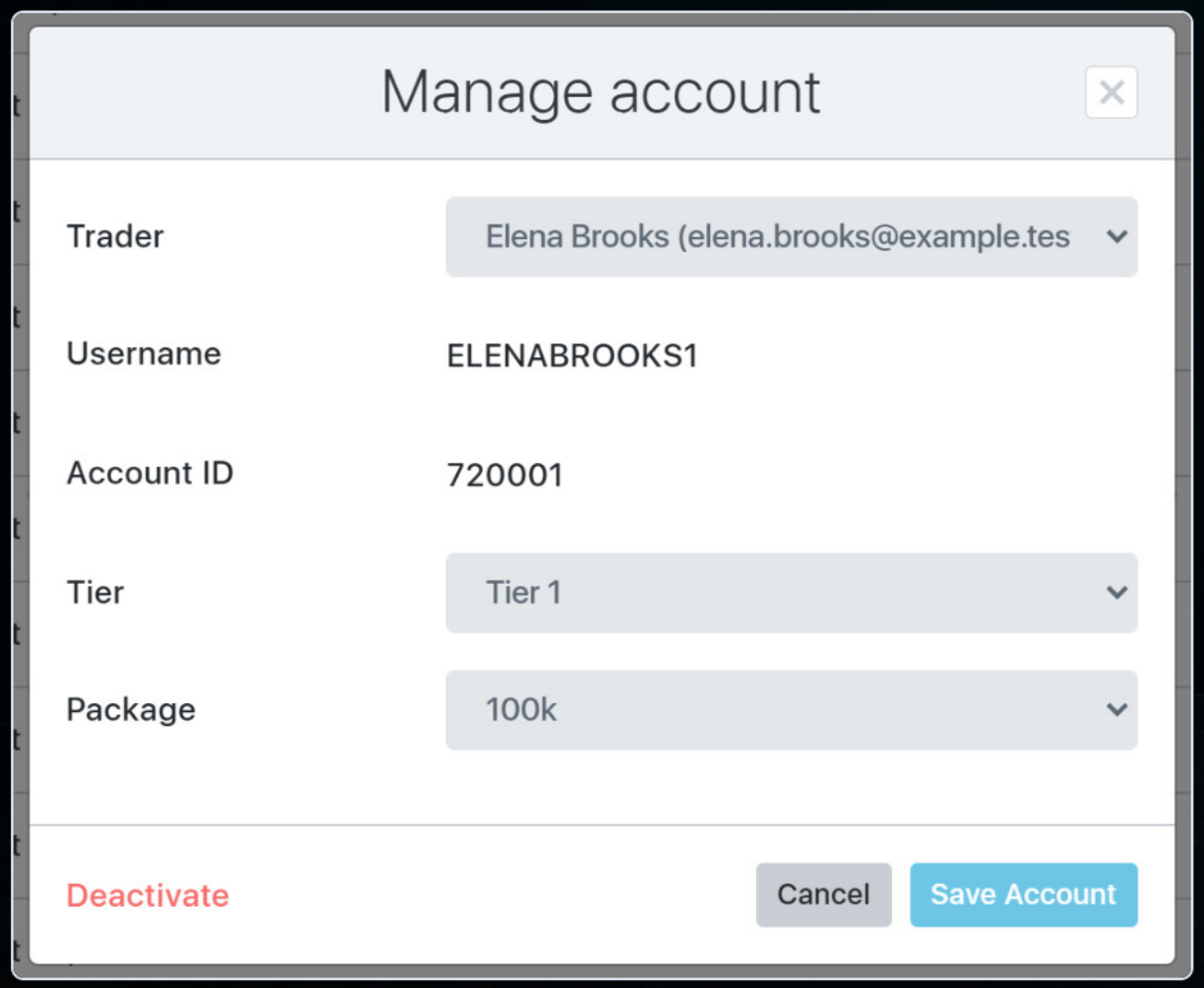
TRADER REGISTRY · ACCOUNT COUNTS · ACTIVE-ACCOUNT INDICATOR

Name	Email	Registered Date	Trader ID	Accounts	Has Active Accounts
All	All	All	All	All	All
Elena Brooks	elena.brooks@example.test	Nov 4, 2026	610001	2	Yes
Marcus Chen	marcus.chen@example.test	Nov 1, 2026	610002	2	Yes
Priya Shah	priya.shah@example.test	Oct 29, 2026	610003	2	Yes
Daniel Reed	daniel.reed@example.test	Oct 26, 2026	610004	2	Yes
Sofia Ramirez	sofia.ramirez@example.test	Oct 23, 2026	610005	2	Yes
Adrian Cole	adrian.cole@example.test	Oct 20, 2026	610006	2	Yes
Nora Bennett	nora.bennett@example.test	Oct 17, 2026	610007	2	Yes
Julian Park	julian.park@example.test	Oct 14, 2026	610008	2	Yes
Maya Patel	maya.patel@example.test	Oct 11, 2026	610009	2	Yes
Owen Carter	owen.carter@example.test	Oct 8, 2026	610010	2	Yes
Leah Morgan	leah.morgan@example.test	Oct 5, 2026	610011	2	Yes

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STAFF DECISIONS.
PLATFORM-LEVEL CONTROLS.

Account controls connect operational actions to Tradovate permission and risk requests.



TRADING ACCESS

Grant or revoke permission

Activate or deactivate account access through the platform integration.

RISK-SETTING REQUESTS

Position limits + hard risk parameters

Exposure updates + flatten-time settings

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RECOGNIZE COMPLETION. TRIGGER THE STAFF HANDOFF.

A refreshed balance above the account's evaluation threshold records completion.

COMPLETED EVALUATIONS

Tier	Completed	Drawdown	Percent to Profit	Daily Loss Limit	DLL Breached	Start	Balance	Trades
All	Yes	All	All	All	All	All	All	All
1	Yes	8,000	10%	3%	No	100,000	110,450	12
2	Yes	4,000	6%	3%	No	50,000	53,250	38
2	Yes	4,000	6%	3%	No	50,000	53,725	103
2	Yes	4,000	6%	3%	No	50,000	54,225	14
1	Yes	2,000	10%	3%	No	25,000	27,613	105
1	Yes	2,000	10%	3%	No	25,000	27,863	16
2	Yes	4,000	6%	3%	No	50,000	53,075	55
1	Yes	8,000	10%	3%	No	100,000	112,450	107
1	Yes	8,000	10%	3%	No	100,000	110,450	18
2	Yes	4,000	6%	3%	No	50,000	53,725	109
2	Yes	4,000	6%	3%	No	50,000	53,075	187
2	Yes	4,000	6%	3%	No	50,000	54,225	20
1	Yes	2,000	10%	3%	No	25,000	27,613	111
1	Yes	2,000	10%	3%	No	25,000	27,863	22

Refresh balance

Read the account's latest platform balance.

Record completion

Compare against the configured profit threshold.

Notify staff

Send the milestone to configured recipients.

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EVENTS AND SCHEDULED CHECKS KEEP ACCOUNT STATE MOVING

Server-side event handling and in-process cron jobs feed the account workflow.

PLATFORM EVENTS

Tradovate WebSocket

Filled orders · balance logs · contact updates
Agreement alerts · liquidation events

SCHEDULED RECONCILIATION

Sails cron jobs

Balance refresh · permission-status checks
Exposure and risk-setting requests

Account services

Update account records.
Evaluate completion.
Notify staff when action follows.

DELIBERATE CONTROL OVER PROVIDER INTERACTIONS

Token reuse, event consolidation and paced calls shape the integration boundary.

Reuse access tokens

Cache tokens in process memory and the AccessToken model.

Debounce by event + account

Group matching work with keyed timers before processing account updates.

Pace bulk requests

Space balance, status and risk requests across scheduled operations.

Bound retries and cooldowns

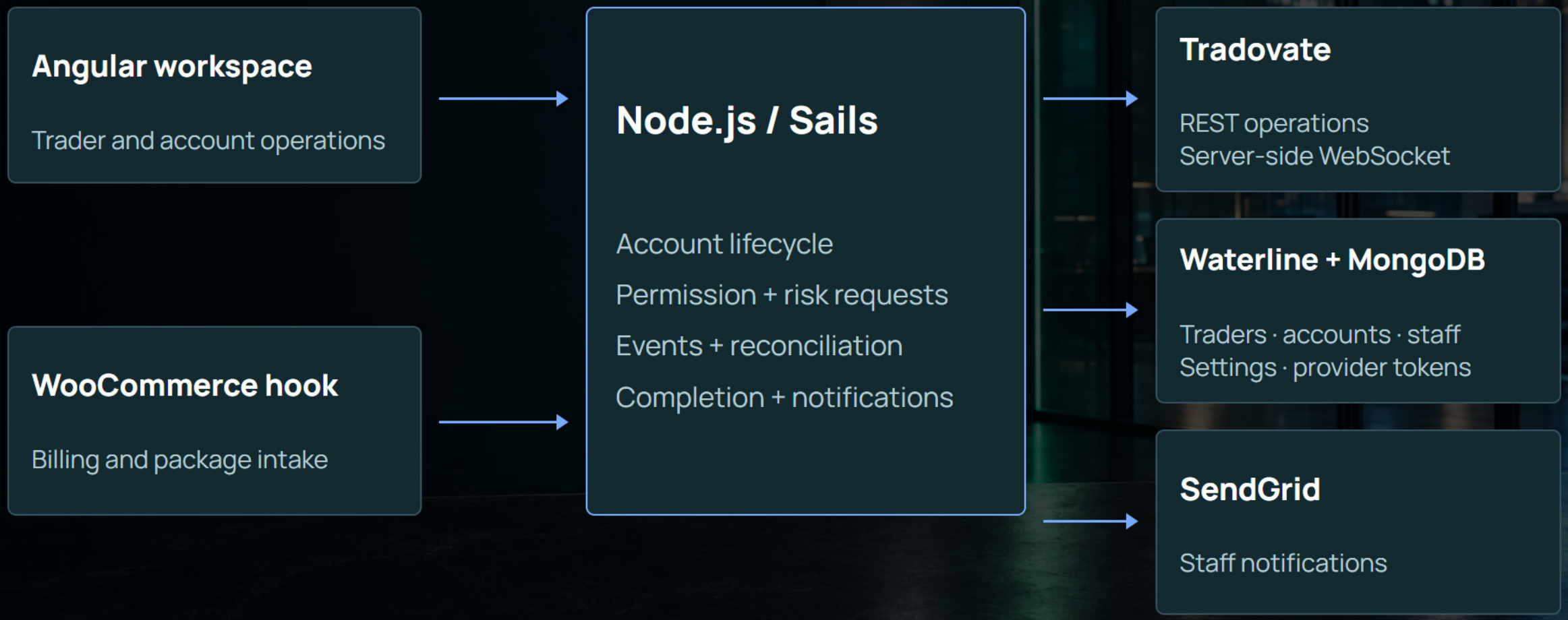
Limit selected retries and defer calls during provider cooldown periods.

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SYSTEM ARCHITECTURE

ONE ADMINISTRATION ENGINE. CONNECTED SERVICES.

Angular / TypeScript · Node.js / Sails · Waterline / MongoDB



Separate models. Connected workflows. A single operational application.

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FULL-STACK DELIVERY ACROSS THE ACCOUNT LIFECYCLE

2023 · Senior Full-Stack Developer

Intake	Provision	Control	Reconcile	Handoff
WooCommerce	Tradovate	Permissions + risk	Events + cron	Staff notifications

ARCHITECTURE

The evaluation engine and trader-account model.

PRODUCT ENGINEERING

Operational interfaces and account workflows.

PLATFORM INTEGRATIONS

Tradovate account controls and WooCommerce intake.

Connected the business workflow to the technical system that runs it.