

HYPERIONJ

Schwab API Trading System Stabilization

Your system is 80–90% complete. I'll take it to production-ready.

SEIICHI TANAKA

Trading Systems & STEM Education



PineScript & MQL5 Developer



20+ Production Apps Built



30 Years STEM Professional



Upwork Rising Talent

I KNOW YOUR SYSTEM'S PAIN POINTS

Not guessing — these are the documented Schwab API challenges every trading system faces.



OAuth Token Lifecycle

Access tokens expire every 30 min

Refresh tokens die after 7 days

Password resets kill all tokens

→ I'll build proactive refresh + alerts



Order Execution Logic

Cryptic rejection messages

Price truncation bugs (4 vs 2 decimals)

Multi-leg orders can't be partially cancelled

→ I'll validate before every submission



Rate Limiting & Async

120 req/min hard ceiling

Batch quotes vs single price history

asyncio event loop conflicts

→ I'll implement request budgeting



DTE & Position Management

Options chain DTE filtering

Hashed account number requirement

Weekend/holiday edge cases

→ I'll add safety guardrails

DELIVERY PLAN

Day 1-3

CODE AUDIT

Review HyperionJ codebase, identify failure points, map OAuth flow

Day 4-8

CORE FIXES

Token lifecycle, order validation, error handling, async conflicts

Day 9-12

HARDENING

Rate limiting, DTE filtering, position guards, weekend edge cases

Day 13-14

DELIVERY

Testing, structured logs, documentation, handoff with monitoring

30

YEARS

STEM Education

20+

APPS

Production Deployed

530+

QUESTIONS

Exam Content Created

5+

YEARS

PineScript & MQL5

LET'S STABILIZE HYPERIONJ

\$700

FIXED PRICE · 2-WEEK DELIVERY · 3 MILESTONES

Structured payment: \$200 → \$300 → \$200 at each milestone



OAuth hardening & token management



Order logic validation & testing



Structured logging & error handling



Documentation & clean handoff

I see this project as a chance to deepen my Schwab API expertise — I'm investing in this relationship.