



# QUANTUM RISE CAPITAL

— ◆ —  
*Where Data Meets Opportunity*

## COMPANY PROFILE

Algorithmic Trading ◆ MT5 Expert Advisors ◆ Quantitative Research

Edition 2026

Quantum Rise Capital FZE ◆ Ajman Free Zone, United Arab Emirates

# Welcome to Quantum Rise Capital

*Where algorithmic intelligence meets disciplined risk management*

Quantum Rise Capital (QRC) is a UAE-based algorithmic trading firm engineering next-generation Expert Advisors for MetaTrader 5. We combine quantitative research, machine learning, and institutional-grade risk architecture to build automated trading systems that perform across live markets and prop-firm environments. Our solutions are designed for traders who demand precision, consistency, and edge.

YTD PORTFOLIO P&L	ACTIVE EAs	PORTFOLIO WIN RATE	PROFIT FACTOR
<b>\$32,986</b> Jan – Apr 2026	<b>7 / 7</b> All systems live	<b>74.3%</b> 3,032 trades	<b>3.09</b> Composite 3.04

## Our Mission

To build robust, data-driven Expert Advisors engineered through a multi-phase process combining statistical research, structured backtesting, and forward validation across varying market regimes — delivering institutional-grade automation to retail traders, prop-firm challengers, and systematic investors.

## Three Pillars of the QRC Approach

### ♦ QUANTITATIVE RESEARCH

Every strategy begins with statistical research. We test hypotheses against multiple market regimes — trending, mean-reverting, and volatile — before a single line of EA code is locked.

### ♦ MACHINE LEARNING

KMeans clustering identifies stable parameter neighborhoods. ONNX-based regime classifiers and KNN pivot engines run natively inside MT5 for low-latency, broker-side inference.

### ♦ RISK ARCHITECTURE

A 3-layer risk watchdog enforces daily DD, total DD, and equity-balance gaps. Internal margins sit one full percentage below prop-firm limits — engineered to pass.

# About the Firm

## Identity, jurisdiction, and licensing

Founded in 2025 and headquartered in the United Arab Emirates, Quantum Rise Capital - F.Z.E operates from the Ajman Free Zone under a Free Zones Authority license covering financial investment consultancy and the trading, installation, and design of computer software and systems. The firm's core product is a vertically-integrated suite of MetaTrader 5 Expert Advisors built on a proprietary research pipeline, complemented by bespoke development services for traders, prop-firm participants, and systematic investors.

REGULATORY & CORPORATE INFORMATION	
Trade Name	Quantum Rise Capital - F.Z.E
Legal Form	Free Zone Establishment — Limited Liability
License Number	43278
Registration Number	43278
Issuing Authority	Free Zones Authority of Ajman
First Issue Date	28 July 2025
Expiry Date	27 July 2026
Manager	Bero Abdullah Skaf
Shareholder	Bero Abdullah Skaf — 100% (100 shares)
Registered Office	Office C1 - 1F - SF11400, Ajman Free Zone C1 Building, UAE
Makani No.	4442612247

LICENSED ACTIVITIES	
1	Financial Investment Consultancy
2	Computer Software Trading — Import & Export
3	Software Installation
4	Computer Systems and Software Designing

*Activities listed exactly as authorised on Business License No. 43278, issued by the Free Zones Authority of Ajman. A full copy of the license is appended to this profile.*

## What We Do

QRC engineers and operates a portfolio of seven production-grade MetaTrader 5 Expert Advisors, each targeting a distinct market and trading regime. Every system follows the same disciplined research-to-deployment pipeline and shares the firm's core risk architecture. In parallel, we provide tailored

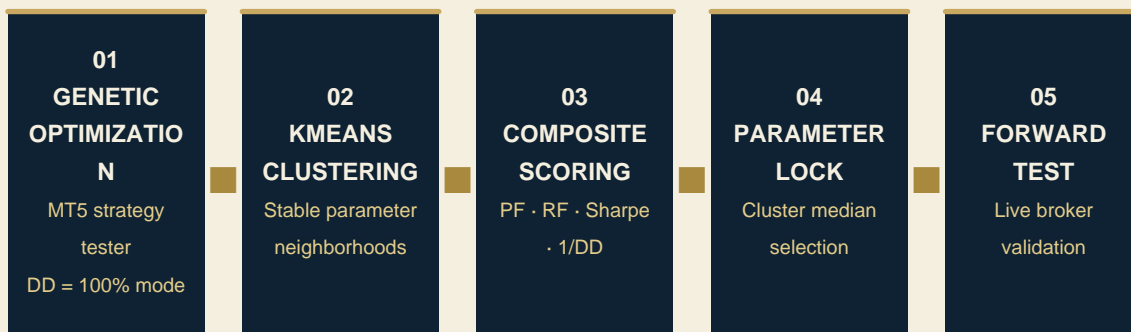
services to clients who need bespoke automation, prop-firm strategy design, or capital advisory.

- ◆ Expert Advisor product suite for retail and prop traders
- ◆ Custom EA development on MT5, MT4, and cTrader
- ◆ Prop-firm strategy design and challenge acceleration (FTMO, FundedNext, The5ers, E8)
- ◆ One-on-one capital advisory and portfolio construction
- ◆ Profit-share partnership model for traders with market-ready ideas (50 / 50 split)
- ◆ Free 7-day demo programme through our EA Test Drive portal

# Research & Development Methodology

*How every QRC strategy is built, validated, and deployed*

*Every Expert Advisor in the QRC portfolio is engineered using the same end-to-end research pipeline. Parameters are never hand-tuned; instead, they are derived from statistical clustering of thousands of optimisation runs, then validated forward.*



## The Composite Scoring Formula

$$\text{Composite Score} = \text{PF} \times 0.30 + \text{RF} \times 0.25 + \text{Sharpe} \times 0.25 + (1 / \text{DD}) \times 0.20$$

Profit Factor (PF) is weighted highest because it captures the gross-win to gross-loss relationship that determines long-term survival. Recovery Factor (RF) and Sharpe ratio balance return against drawdown and volatility. The inverse-drawdown term explicitly rewards strategies that minimise peak-to-trough equity damage — a hard requirement for prop-firm compliance.

## Shared Architecture Across the Suite

- ◆ Equity-based dynamic lot sizing — risk scales with account growth
- ◆ Three-layer risk watchdog: daily drawdown, total drawdown, equity-balance gap
- ◆ Partial close at 1:1 reward — captures profit while letting winners run
- ◆ Breakeven management and trailing stop logic
- ◆ Session and volatility filters to avoid low-quality regimes
- ◆ MT5 Comment()-based on-chart dashboards for real-time monitoring

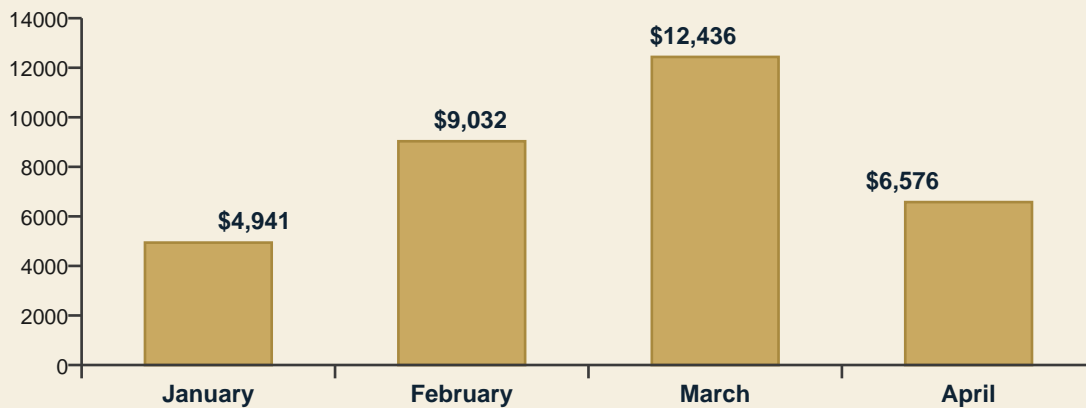
# Performance Ledger

Forward-test results · January – April 2026 · Fusion Markets

The table below summarises four months of live forward-test performance across the seven-EA portfolio. All figures are sourced from Fusion Markets execution data. Past performance does not guarantee future results.

Strategy	Instrument	TF	YTD P&L	Win %	PF	Max DD	Sharpe	Trades	Composite
QRC1 Breakout Scoring	XAUUSD	M15	\$6,406	58.0%	1.45	12.60%	6.30	345	2.15
QRC2 Momentum Squeeze	US100	M5	\$2,945	76.0%	1.78	17.90%	5.80	259	2.04
QRC3 Daily Grid	US30	M15	\$6,066	92.0%	1.98	22.80%	9.00	1,570	2.92
QRC4 KNN Pivot	EUR/GBP USD	H1	\$3,907	86.0%	2.30	7.40%	8.60	256	3.00
Quantum Smart Money	GER40	M15	\$583	54.9%	1.75	13.90%	5.30	196	1.87
Axiom Adaptive Regime	US500	M15	\$3,683	64.2%	2.59	16.34%	8.40	158	2.95
QRC Nexus	XAUUSD	M15	\$9,397	88.9%	9.80	5.80%	12.00	248	6.38
<b>Portfolio Total</b>	—	—	<b>\$32,986</b>	<b>74.3%</b>	<b>3.09</b>	<b>22.80%</b>	<b>7.91</b>	<b>3,032</b>	<b>3.04</b>

## Monthly Portfolio P&L (USD)



Composite Score =  $PF \times 0.30 + RF \times 0.25 + Sharpe \times 0.25 + (1 / DD) \times 0.20$ . Past performance is not indicative of future results. Algorithmic trading carries substantial risk of loss and is not suitable for all investors.

# The Expert Advisor Suite

Seven production systems across indices, forex, gold, and crypto

## QRC3 Daily Grid EA

US30 · M15 · Regime-Adaptive Grid

5-voter regime engine (ADX, range ratio, close position, ATR percentile, gap at open) toggles between breakout and mean-reversion grid modes.

**\$247**

## QRC2 Momentum Squeeze Engine EA

US100 · M5 · Momentum Compression Breakouts

Bollinger Band squeeze detector paired with momentum confirmation; passed MQL5 Market validation. Built for volatile US index sessions.

**\$237**

## Quantum Smart Money EA

GER40 · M15 · SMC / ICT Concepts

Smart Money Concepts engine — order blocks, fair value gaps, and liquidity sweeps drive directional bias on the German index.

**\$237**

## QRC1 BreakOut Engine EA

XAUUSD · M15 · Breakout Scoring

Multi-factor breakout scoring engine for gold — combines volatility expansion, volume confirmation, and structural break detection.

**\$277**

## Axiom Adaptive Regime EA

US500 · M15 · 11-Indicator Voting

11-indicator voting system classifies the prevailing regime and switches trade logic accordingly. Selected for FTMO two-phase challenges.

**\$297**

## QRC4 KNN Pivot Engine EA

EUR/USD · GBP/USD · USD/JPY · H1 · ML Pivots

K-Nearest-Neighbours classifier predicts pivot reversals on major forex pairs using a Lorentzian distance metric.

**\$347**

## QRC Nexus V4

XAUUSD · M15 · Multi-Layer Adaptive System

The flagship six-layer architecture — regime, signal, filter, execution, and risk layers combined. The firm's highest-composite system, built for FTMO.

**\$797**

## COMBO ALL-IN-ONE BUNDLE

All seven Expert Advisors in a single licence, including the flagship QRC Nexus V4. Each licence includes monthly updated parameter sets and after-sale support.

**\$1,270**

Full Suite

# EA Test Drive Programme

*Try every system free for 7 calendar days before you buy*

QRC offers full demo versions of every Expert Advisor through the EA Test Drive portal. Each demo is time-locked for seven calendar days and lets prospective clients run their own optimisation, evaluate live behaviour on their broker, and select the risk level appropriate to their account size and tolerance.

- ◆ **Free download** — no payment, no credit card required
- ◆ **Seven calendar days** of full functionality on live or demo accounts
- ◆ **All seven EAs available**, including QRC Nexus V4 multi-layer system
- ◆ **Initial optimisation enabled** — run the strategy tester on your own data
- ◆ **Direct upgrade path** to the full licensed version after evaluation

# Professional Services

*Custom development, prop-firm strategy, and capital advisory*

## ◆ PROP FIRM SYSTEM DESIGN

Prop firms impose strict risk limits that eliminate most retail strategies. We design, test, and optimise trading systems specifically engineered to operate within prop-firm constraints — prioritising drawdown control, consistency, and rule compliance without sacrificing performance potential. Supported firms include FTMO, FundedNext, The5ers, and E8 Funding.

## ◆ CAPITAL ADVISORY

Tailored one-on-one guidance to help you optimise capital allocation and enhance portfolio performance. We focus on smart risk management, efficient diversification, and forward-thinking strategy selection to ensure your capital works harder for you. Includes use of the QRC Portfolio Allocation Calculator.

## ◆ CUSTOM EA DEVELOPMENT

Have a trading idea? We will transform it into a fully automated MT5, MT4, or cTrader system — from concept to execution. If your strategy proves unique and market-ready, we publish it on our platform under a 50 / 50 profit-sharing model. Your idea, our technology, shared success.

# Portfolio Allocation Calculator

*A free planning tool built on the same scoring model we use internally*

The QRC Portfolio Allocation Calculator — available on our website — lets clients toggle individual EAs on or off, set a risk profile (Conservative, Balanced, or Aggressive), and instantly see optimal capital allocation across the suite with a compound-growth projection. The tool is free and uses the same composite scoring weights applied internally during research.

RISK PROFILE	EA SELECTION	COMPOUND PROJECTION
Conservative · Balanced · Aggressive <i>Adjusts scoring weights to reflect capital-preservation vs. growth bias</i>	Toggle any of the 7 EAs on or off <i>Simulate any portfolio combination — allocations rebalance instantly</i>	Horizon and monthly withdrawal <i>Month-by-month projection with cumulative percentage growth</i>

# Why Quantum Rise Capital

*Six reasons clients choose us*

- ◆ LICENSED & REGULATED**  
 A UAE-licensed financial technology firm operating under Ajman Free Zone authorisation with a clear, audited scope of services.
- ◆ TRANSPARENT TRACK RECORD**  
 A public monthly performance ledger — January through April 2026 — sourced from live forward-tests on a regulated broker.
- ◆ PROP-FIRM SPECIALISATION**  
 Internal safety margins set one full percent below FTMO limits (4% daily, 9% total) and EA architecture built for two-phase challenges.
- ◆ RESEARCH-DRIVEN**  
 No hand-tuned parameters. Every system passes through optimisation, KMeans clustering, composite scoring, and forward validation.
- ◆ TRY BEFORE YOU BUY**  
 Free seven-day demos of every EA. Run your own optimisation; see live behaviour on your account before committing to a licence.
- ◆ BREADTH OF COVERAGE**  
 Seven EAs spanning gold, US and German indices, major forex pairs, and crypto-asset logic — diversification by design.

# Corporate Licensing & Credentials

*Officially licensed by the Free Zones Authority of Ajman, UAE*

Quantum Rise Capital - F.Z.E is a duly licensed Free Zone Establishment operating under the authority of the Government of Ajman. The firm holds Business License No. 43278, authorising it to provide financial investment consultancy alongside the trading, installation, and design of computer software and systems. A complete, officially-issued copy of the trade license is appended to this profile on the following pages.

<p>BUSINESS LICENSE</p> <p><b>No. 43278</b></p> <p>Free Zone Establishment</p>	<p>VALID THROUGH</p> <p><b>27 Jul 2026</b></p> <p>First issued 28 Jul 2025</p>	<p>JURISDICTION</p> <p><b>Ajman, UAE</b></p> <p>Free Zones Authority of Ajman</p>
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## Official Registration Particulars

<b>Trade Name</b>	Quantum Rise Capital - F.Z.E
<b>Legal Form</b>	Free Zone Establishment — Limited Liability
<b>License No. / Registration No.</b>	43278 / 43278
<b>First Issue Date</b>	28 July 2025
<b>Current Issue Date</b>	28 July 2025
<b>Expiry Date</b>	27 July 2026
<b>Manager</b>	Bero Abdullah Skaf
<b>Shareholder</b>	Bero Abdullah Skaf — 100 shares (100%)
<b>Premises Number</b>	Office C1 - 1F - SF11400
<b>Building</b>	Ajman Free Zone C1 Building
<b>Business District</b>	Ajman Free Zone
<b>Makani No.</b>	4442612247
<b>Issuing Authority</b>	Free Zones Authority of Ajman

♦ The official Business License document issued by the Free Zones Authority of Ajman is reproduced in full on the next two pages of this profile. The Licensee must obtain any further approvals or permits required from the relevant UAE government authorities as applicable.

# Get In Touch

*We are here to help*

HEAD OFFICE	DIRECT	ONLINE
Ajman Free Zone C1 Building, Floor 1 United Arab Emirates	Phone & WhatsApp +971 50 220 69 11	quantumrisecapital.ae EA Test Drive portal QRC Trading Lab

## Have a Project in Mind?

*If you want your trading ideas, attitude, and logic executed automatically and efficiently — without human intervention — on MT5, MT4, or cTrader, let's talk about what we can build and raise together. Contact us through the website, by phone, or via WhatsApp.*

## Explore the Website

- ◆ Home [quantumrisecapital.ae](https://quantumrisecapital.ae)
- ◆ Expert Advisors — full product catalogue </expert-advisors/>
- ◆ EA Test Drive — free 7-day demos [/ea\\_test\\_drive/](/ea_test_drive/)
- ◆ Services — bespoke development & advisory </our-services/>
- ◆ Build your Investment Portfolio — allocation calculator </build-your-investment-portfolio-with-qrc/>
- ◆ QRC Trading Lab — research & insights </qrc-trading-lab-inspiring-insights/>
- ◆ Contact </contact-us/>

### RISK DISCLAIMER

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## Business License

## رخصة تجارية

### License Details

### تفاصيل الرخصة

License No.	43278	43278	رقم الرخصة
Registration No.	43278	43278	رقم السجل
Trade Name	Quantum Rise Capital - F.Z.E	كوانتوم رايس كابيتال - م.م.ح	الاسم التجاري
Legal Form	Free Zone Establishment - Limited Liability	مؤسسة منطقة حرة - ذات مسؤولية محدودة	الشكل القانوني
First Issue Date	July 28, 2025	July 28, 2025	تاريخ الإصدار الأول
Current Issue Date	July 28, 2025	July 28, 2025	تاريخ الإصدار الحالي
Expiry Date	July 27, 2026	July 27, 2026	تاريخ الإنتهاء
Manager	Bero Abdullah Skaf	بيرو عبدالله سكاف	المدير

### Address

### العنوان

Premises Number	Office - C1 - 1F - SF11400	Office - C1 - 1F - SF11400	رقم الموقع
Building Name	Ajman Free Zone C1 Building	منطقة عجمان الحرة مبنى C1	اسم المبنى
Business District	Ajman Free Zone	منطقة عجمان الحرة	منطقة الأعمال
Makani No.	4442612247	4442612247	رقم مكاني

### Activities

### الأنشطة

1. Financial Investment Consultancy
  2. Computer Software Trading - Import & Export
  3. Software installation
  4. Computer Systems and Software Designing
1. الاستشارات المالية والتحليل المالي
  2. تجارة نظم الحاسب الآلي وبرامجه - استيراد وتصدير
  3. تركيب البرمجيات
  4. تصميم نظم وبرامج الحاسب الآلي

Shareholder (s)		المساهم ( المساهمين )		
الأسماء Names	عدد الأسهم Number of Shares	النسبة المئوية Percentage	الجنسية Nationality	رقم جواز السفر Passport Number
Bero Abdullah Skaf	100	100 %	Syria	N016132144



Notes: The Licensee must obtain the required approvals/permit from the relevant UAE Government Authorities as applicable.

يجب على المرخص له الحصول على الموافقات/التصريح المطلوب من الجهات الحكومية المختصة في دولة الإمارات العربية المتحدة حسب الاقتضاء.



Authority Formation  
Decree

منطقة عجمان الحرة  
Ajman Free Zone



مستند إلكتروني معتمد صادر بدون توقيع من هيئة المناطق الحرة في عجمان  
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Toll Free 8002392  
www.fza.ae



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