



**QUANTUM RISE
CAPITAL**

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 for live-market and prop-firm environments. Our solutions are designed for traders who demand precision, consistency, and edge.

\$32,986	7 / 7	74.3%	3.09
2026 forward-test snapshot	All systems live	3,032 trades	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	MACHINE LEARNING	RISK ARCHITECTURE
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.	KMeans clustering identifies stable parameter neighborhoods. ONNX-based regime classifiers and KNN pivot engines run natively inside MT5 for low-latency, broker-side inference.	A 3-layer risk watchdog enforces daily DD, total DD, and equity-balance gaps. Internal margins sit below prop-firm limits — engineered for disciplined risk control.

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
Current Issue Date	28 July 2026
Expiry Date	27 July 2027
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

- ♦ Financial Investment Consultancy
- ♦ Computer Software Trading — Import & Export
- ♦ Software Installation
- ♦ Computer Systems and Software Designing

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

What We Do

Technology, automation, and tailored trading systems

QRC engineers and operates a portfolio of 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, QRC provides tailored services to clients who need bespoke automation, prop-firm strategy design, or capital advisory.

EXPERT ADVISORS Product suite for retail and prop traders	CUSTOM DEVELOPMENT EA development for MT5, MT4, and cTrader
PROP-FIRM STRATEGY Strategy design and challenge acceleration	CAPITAL ADVISORY One-on-one capital advisory and portfolio construction
PARTNERSHIP MODEL 50 / 50 profit-share model for market-ready trading ideas	EA TEST DRIVE Free 7-day demo programme before purchase

A vertically integrated approach

Research, optimisation, machine-learning components, risk controls, execution logic, and client-facing deployment are developed around one consistent framework. This reduces fragmentation between research and production and keeps the trading architecture auditable and repeatable.

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 not hand-tuned; instead, they are derived from statistical clustering of optimisation runs and then validated forward.

01**GENETIC OPTIMIZATION**

MT5
Strategy
Tester

02**KMEANS CLUSTERING**

Stable
parameter n
eighborhoods

03**COMPOSITE SCORING**

PF · RF ·
Sharpe ·
1/DD

04**PARAMETER LOCK**

Cluster
median
selection

05**FORWARD TEST**

Live broker
validation

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 is weighted highest because it captures the gross-win to gross-loss relationship that supports long-term strategy survival. Recovery Factor and Sharpe ratio balance return against drawdown and volatility. The inverse-drawdown term rewards strategies that minimise peak-to-trough equity damage — a key requirement for disciplined risk control.

Shared Architecture Across the Suite

Common engineering standards

DYNAMIC POSITION SIZING	Equity-based dynamic lot sizing — risk scales with account growth.
RISK WATCHDOG	Three-layer controls covering daily drawdown, total drawdown, and equity-balance gaps.
PARTIAL PROFIT TAKING	Partial close at 1:1 reward — captures profit while allowing winners to continue.
TRADE MANAGEMENT	Breakeven management and trailing-stop logic.
MARKET FILTERS	Session and volatility filters to avoid low-quality regimes.
MONITORING	MT5 Comment()-based on-chart dashboards for real-time monitoring.

Engineering principle

QRC treats risk controls as part of the product architecture rather than as an afterthought. The objective is not simply to generate entries; it is to create complete automated systems with defined execution, sizing, monitoring, and risk-management behaviour.

The Expert Advisor Suite

Production systems across indices, forex, gold, and crypto

01	QRC3 Daily Grid EA	US30 · M15 · Regime-Adaptive Grid	5-voter regime engine using ADX, range ratio, close position, ATR percentile, and gap at open.
02	QRC2 Momentum Squeeze Engine EA	US100 · M5 · Momentum Compression Breakouts	Bollinger Band squeeze detector paired with momentum confirmation; built for volatile US index sessions.
03	Quantum Smart Money EA	GER40 · M15 · SMC / ICT Concepts	Smart Money Concepts engine using order blocks, fair value gaps, and liquidity sweeps.
04	QRC1 BreakOut Engine EA	XAUUSD · M15 · Breakout Scoring	Multi-factor breakout scoring engine combining volatility expansion, volume confirmation, and structural breaks.
05	Axiom Adaptive Regime EA	US500 · M15 · 11-Indicator Voting	11-indicator voting system classifies the prevailing regime and switches trade logic accordingly.
06	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.
07	QRC Nexus V4	XAUUSD · M15 · Multi-Layer Adaptive System	Flagship six-layer architecture combining regime, signal, filter, execution, and risk layers.

Full Suite

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

EA Test Drive & Professional Services

Evaluate first. Deploy with a defined plan.

EA TEST DRIVE PROGRAMME

Try every system free for 7 calendar days before purchase.

- ◆ Free download — no payment, no credit card required
- ◆ Seven calendar days of full functionality on live or demo accounts
- ◆ All seven EAs available
- ◆ Initial optimisation enabled
- ◆ Direct upgrade path to the full licensed version after evaluation

PROFESSIONAL SERVICES

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

- ◆ Prop-firm system design — drawdown control, consistency, and rule compliance
- ◆ Capital advisory — allocation, diversification, and strategy selection
- ◆ Custom EA development — MT5, MT4, or cTrader
- ◆ Market-ready ideas may be published under a 50 / 50 profit-sharing model

Prop-firm focus

QRC designs and tests systems specifically for environments where drawdown limits and consistency are as important as return. Supported firms listed in the original profile include FTMO, FundedNext, The5ers, and E8 Funding.

Portfolio Intelligence & Why QRC

Research tools built around the same scoring philosophy

Portfolio Allocation Calculator

The QRC Portfolio Allocation Calculator lets clients toggle individual EAs on or off, select a risk profile (Conservative, Balanced, or Aggressive), and view capital allocation across the suite with a compound-growth projection. The tool uses the same composite scoring weights applied internally during research.

RISK PROFILE	Conservative · Balanced · Aggressive
EA SELECTION	Toggle any of the 7 EAs on or off
COMPOUND PROJECTION	Month-by-month projection with cumulative percentage growth

Why Quantum Rise Capital

- ◆ Licensed & corporate clarity — UAE-licensed Free Zone Establishment operating under Ajman Free Zone authority.
- ◆ Research-driven — optimisation, KMeans clustering, composite scoring, parameter locking, and forward validation.
- ◆ Prop-firm specialisation — architecture designed around disciplined drawdown and consistency requirements.
- ◆ Try before you buy — free seven-day demos for evaluation on the client's own account environment.
- ◆ Breadth of coverage — systems spanning gold, US and German indices, major forex pairs, and diversified trading logic.

Corporate Credentials & Contact

Current licensing and direct access

BUSINESS LICENSE	No. 43278
CURRENT ISSUE DATE	28 July 2026
VALID THROUGH	27 July 2027
JURISDICTION	Ajman Free Zone, UAE
LEGAL FORM	Free Zone Establishment — Limited Liability
ISSUING AUTHORITY	Free Zones Authority of Ajman

Head Office

Ajman Free Zone · C1 Building, Floor 1 · United Arab Emirates

Phone & WhatsApp: +971 50 220 69 11

Website: quantumrisecapital.ae

EA Test Drive portal · QRC Trading Lab

Explore the Website

- ◆ Home — [quantumrisecapital.ae](#)
- ◆ Expert Advisors — full product catalogue [/expert-advisors/](#)
- ◆ EA Test Drive — free 7-day demos [/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: Performance figures presented in this document are sourced from forward-test data of QRC Expert Advisors and are not guarantees of future results. Trading carries substantial risk of loss and is not suitable for all investors. Past performance does not guarantee future returns. Information contained herein is provided for general informational purposes only and does not constitute investment advice or a solicitation to buy or sell any financial instrument. Clients are responsible for assessing their own financial situation, risk tolerance, and regulatory environment before deploying any automated trading system.

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, 2026	July 28, 2026	تاريخ الإصدار الحالي
Expiry Date	July 27, 2027	July 27, 2027	تاريخ الانتهاء
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 الاستشارات المالية والتحليل المالي
2. Computer Software Trading - Import & Export تجارة نظم الحاسب الآلي وبرامجه - استيراد وتصدير
3. Software installation تركيب البرمجيات
4. Computer Systems and Software Designing تصميم نظم وبرامج الحاسب الآلي

المساهمين (المساهمين)				
Shareholder (s)	الاسماء	عدد الأسهم	النسبة المئوية	الجنسية
	Names	Number of Shares	Percentage	Nationality
				رقم جواز السفر
				Passport Number



Authority Formation
Decree

منطقة عجمان الحرة
Ajman Free Zone



مستند إلكتروني معتمد صادر بدون توقيع من هيئة المناطق الحرة في عجمان
Approved electronic document issued without signature by Free Zones Authority of Ajman
Toll Free 8002392
www.fza.ae



License Document

Bero Abdullah Skaf	100	100 %	Syria	N016132144
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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



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