

**For companies that can't work with RF directly: I have options for legal entities in Cyprus, Georgia, or Dubai. Deel also works.**

# ARKADY PECHNIKOV

Quantitative Developer / Trader

t.me/arkptz | arkptz@gmail.com | +7 \*\*\* \*\*\* \*\* \* | github.com/Arkptz

## SUMMARY

8 years Python, 5 years in crypto trading, self-taught since age 12. Hands-on experience in algorithmic trading, data collection, and high-load systems. Currently researching delta-neutral strategies and ML-based trading models. Funded prop trader (FundingPips, Upscale).

## TRADING EXPERIENCE

### Prop Trading (Forex)

FundingPips, Upscale | 2025 - Present

- Passed funded challenges trading forex manually
- Researching Smart Money / ICT concepts with various hyperparameters
- Backtesting strategies on 20 years of minute-level forex data

### Crypto Trading

2021 - Present

- Active spot and futures trading (manual and via API)
- Copy-trading systems usage and development
- Currently trading Polymarket prediction markets

### CEX Arbitrage Project

2024

- Led team of 3 Go developers building arbitrage bot
- Architecture design, API integrations, execution optimization

## QUANTITATIVE PROJECTS

### Polymarket Analytics

- Built parser for complete transaction history from blockchain
- Developing delta-neutral strategies with crypto/forex futures hedge
- Backtesting infrastructure using nautilus-trader

### Market Data Collection

- Collected 260M+ candlesticks dataset (crypto + 20 years forex minute data)
- Built TradingView data parser for historical data with indicators
- Data pipeline for ML model training

### Trading Bots

- Copy-trading system for Bitget (freelance project)
- Trading bots on nautilus-trader framework
- Real-time data processing: 2000+ connections, 5000+ daily operations

## TECHNICAL EXPERIENCE

### Fenixwb | Head of IT Infrastructure

Oct 2024 — Sep 2025

- Migrated legacy system to modern workflow orchestration with Temporal.io

- Designed ~10 microservices architecture integrated with Elasticsearch and MySQL
- Engineered Rust-based POW solver achieving 0.1s vs 2s browser baseline (20x improvement)

## Cryptosofters | CTO / Senior Python Developer

May 2023 — Nov 2024

- Led team of 6 engineers (3 frontend, 2 backend, 1 Solidity)
- Architected core library for DeFi integrations; delivered 20+ protocol interfaces
- Built SDK generator pipeline: mitmproxy logs → OpenAPI spec → auto-generated SDK

## SKILLS

**Languages:** Python (8 years), Rust (2 years), Go, JavaScript/TypeScript, SQL

**Trading:** Spot, Futures, Options basics, Prop trading, Backtesting, Risk management

**Quant:** Mathematical expectation, Statistics, Hedging, Delta-neutral strategies, ML basics

**Infrastructure:** Kubernetes, Docker, FluxCD, GitHub Actions, CI/CD

**Databases:** PostgreSQL, MySQL, MongoDB, ClickHouse, Redis, TimescaleDB

## EDUCATION & CERTIFICATIONS

**Machine Learning Specialization** | Completed 2026

**Reinforcement Learning for Trading Strategies** | Completed 2026

**Using Machine Learning in Trading and Finance** | Completed 2026

## LANGUAGES

- Russian: Native
- English: B1+ (reading/writing fluent, spoken improving with practice)