Kamran Siddiqui | Self-Employed Software Developer | Automated Trading & Blockchain Infrastructure

theomegaelite@hotmail.com • https://github.com/omegaelite

Professional Summary

Self-employed software developer specializing in high-frequency trading systems and blockchain infrastructure. Experienced in operating production trading systems that generate professional-level income through multi-exchange execution, on-chain monitoring, and automated risk-controlled strategies across EVM and Solana ecosystems. Expert in architecting fault-tolerant systems handling real-time financial data and low-latency execution.

Core Technical Skills

- **Languages & Runtime:** JavaScript (Node.js), TypeScript, C++, C#.
- **Blockchain Ecosystems:** Ethereum, Binance Smart Chain (BSC), Solana.
- **Trading Strategies:** High-Frequency Arbitrage (CEX-DEX), MEV-Aware Execution, Token Sniping, Yield Automation.
- **Infrastructure & DevOps:** AWS (EC2, Co-location), Linux Administration, Latency Optimization.
- **Data & Protocols:** ethers.js, WebSockets, JSON-RPC, bloXroute, REST APIs.

Professional Experience

High-Frequency Arbitrage Systems **Remote**

Self-Employed Software Developer *2021–Present*

Designed and operated high-performance arbitrage infrastructure using self-owned capital, achieving professional income requirements through low-latency execution and position reconciliation.

- **System Architecture:** Developed multi-exchange execution systems integrating centralized exchanges via REST/WebSockets and decentralized protocols via ethers.js.
- **Infrastructure & Performance:** Managed AWS EC2 instances with strategic co-location and Linux optimization. Utilized Node.js worker/primary clustering to handle intensive multithreaded data processing.
- **MEV & Execution Strategy:** Implemented MEV-aware submission workflows using bloXroute to optimize transaction propagation and competitive on-chain execution.
- **Reliability:** Built fault-tolerant systems with heartbeat monitoring, reconnect logic, and automated risk controls governing spreads and margin state changes.

Automated Active Yield Farming

Self-Employed Software Developer *2025–Present*

Built automated systems for liquidity pool mining and yield strategies on the Solana blockchain.

- Developed rule-based rebalancing logic to maintain target exposure and maximize yield.
- Automated LP range calculation depending on token volatility
- Interaction using Solana Raydium API to manage the position on-chain for speed and reliability.

Blockchain Analysis Tools (Infinite Bull)

Self-Employed Software Developer *2023-2024*

Launched and operated the *InfiniteBull* on-chain intelligence platform (x.com/InfiniteBullAI).

- **Community & Marketing:** Moderated the official Telegram community (t.me/infinitebull) and managed marketing strategy to drive project growth.
- **Telegram Bot Development:** Created an interactive Telegram bot that processed user commands to perform complex blockchain analysis requests in real-time.
- **Token-Gated Access:** Implemented access control logic where premium analytical features were unlocked only if the user held a required threshold of specific tokens.
- **Analytics & Copytrading:** Developed algorithmic tools to identify top-performing traders and monitor wallet behavior for automated copytrading strategies.

On-Chain Automation & Token Sniping **Remote**

Self-Employed Software Developer *2020–2022*

Developed and operated automated on-chain "sniping" robots to capitalize on new liquidity events on Ethereum and Binance Smart Chain (BSC).

- **Security Auditing:** Engineered automated audit systems to detect "honeypots" and "rugpulls" by performing real-time analysis of smart contract source code and wallet transaction history.
- **Blockchain Monitoring:** Implemented high-speed blockchain scanners to detect new token launches and liquidity deployments across the entire network.
- **Holdings Monitoring:** Developed mempool monitoring logic to unload tokens when malicious transaction instructions were detected, front-running exit transactions to preserve capital.

Education

University of Central Florida (UCF) **Orlando, FL**

Bachelor of Science in Computer Science *2003–2008*

- **Coursework:** Computer Graphics, Artificial Intelligence, Data Structures.
- **Activities:** UCF Programming Team Competitor; developed Forex indicators for MT4.
- **Employment:** Programming Tutor & Programmer Intern at UCF Institute for Simulation and Training.