

PARK JUNGHO (Kyle) - CV

Quantitative Trading Engineer | Blockchain Developer

2+ years specializing in quantitative trading systems (Rust/Go) and enterprise blockchain infrastructure (Solana, Hyperledger Fabric)

CONTACT

- **Email:** andy3638@naver.com
 - **Telegram:** <https://t.me/kyleparkio>
 - **Portfolio:** <https://jungho.dev>
 - **Professional Quant Career:** <https://jungho.dev/quant>
 - **Personal Trading Strategy Development:** <https://jungho.dev/personal-quant>
 - **Live Quant Trading Dashboard:** <https://kyle-quant.xyz> (pw: demo2025)
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PROFESSIONAL EXPERIENCE

Kronon Labs Co., Ltd.

Trading System Backend Engineer | Apr 2025 - Nov 2025 (8 months)

Tech Stack: Go, Rust, Python, AWS, Docker

- **CEX Cross-Exchange Arbitrage System**
 - Architected and deployed Taker-Taker and Maker-Taker arbitrage strategies with real-time dashboard for PnL monitoring and position tracking
- **Solana DEX Trading Infrastructure**
 - Built automated trading bots implementing proprietary alpha strategies (New Pair Detection, Back From The Dead, Fat LP Analysis) for on-chain opportunities
- **Trading Metrics & Analytics Platform**
 - Designed universal metrics collection framework supporting multiple strategies with real-time visualization and performance analysis
- **AI-Powered Sentiment Trading System**
 - Developed sentiment analysis engine processing news feeds, KOL tweets, and Telegram channels to generate trading signals using LLM-based agents
- **Exchange Listing Sniper Bot**
 - Implemented real-time monitoring system detecting new token listings across major exchanges with sub-second automated order execution

- **High-Frequency Metrics Visualization**

- Built scalable backend infrastructure handling 10k+ data points per second for real-time trading metrics charts

Medium Inc.

Backend Engineer | Sep 2022 - Feb 2024 (1 year 6 months)

Tech Stack: Go, TypeScript (NestJS), Hyperledger Fabric, AWS, GCP, Docker

- **Cross-Chain Bridge Infrastructure**

- Developed secure bridge protocol connecting company L1 mainnet with private consortium chain, enabling asset transfers and state synchronization

- **Security Token Platform (ERC-1400)**

- Implemented compliant STO infrastructure on Hyperledger Fabric following ERC-1400 standard for regulated digital securities issuance

- **Cryptocurrency Wallet Service**

- Built production-grade wallet API supporting multi-chain assets with HSM integration and enterprise-level security controls

BF Labs Inc.

Backend Engineer | Aug 2022 - Sep 2022 (2 months)

- **Government Research Project**

- Contributed to IITP (Institute of Information & Communications Technology Planning & Evaluation) funded blockchain research initiative, developing core API infrastructure

TECHNICAL SKILLS

Full-stack engineer with production experience across backend, blockchain, and frontend development. Language-agnostic problem solver capable of delivering end-to-end solutions from system architecture to deployment.

- **Languages:** Rust, Go, Python, TypeScript
 - **Backend Frameworks:** NestJS, Next.js, Gin, Fx
 - **Blockchain:** Solidity, Solana (Rust), Move, Hyperledger Fabric
 - **Frontend:** React, SolidJS
 - **Infrastructure:** AWS, GCP, Docker, Kubernetes
 - **Specializations:** Financial Market Protocols, DeFi Protocols, DEX/CEX Trading Systems, High-Frequency Trading, Medium-Frequency Trading, Cross-Chain Bridges
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PERSONAL TRADING STRATEGIES

Developed and deployed proprietary algorithmic trading systems for personal portfolio management.

Full documentation: <https://jungho.dev/personal-quant>

Binance Triangular Arbitrage System

Tech Stack: Rust, FIX Protocol, SBE (Simple Binary Encoding)

- Built high-performance triangular arbitrage engine using FIX protocol and SBE for ultra-low latency execution
- Implemented real-time opportunity detection across multiple trading pairs on Binance

Polymarket & Crypto Prediction Markets

Tech Stack: Go

- Developed automated trading strategies for prediction market arbitrage
- 15-minute cryptocurrency momentum trading system with sub-\$1 mispricing detection
- Directional trading algorithms based on sentiment analysis and market microstructure

EDUCATION

Kyung Hee University, Seoul

Bachelor of Engineering in Mechanical Engineering | Mar 2014 - Aug 2022

AWARDS & RECOGNITION

- **1st Place - Mantle Global Hackathon 2025** | Feb 2026
 - DeFi & Composabilities Track Winner
 - Project: DOOR Protocol
 - **3rd Place - Seoulana Hackathon 2025** | Apr 2025
 - Solana blockchain development competition
 - **Team Leader - KAIST Blockchain Society Orakle (7th Gen)** | Sep 2025
 - Leading technical education and project development for premier Korean blockchain community
 - **Engineer General Machinery (Engineer)** | Dec 2020
 - Issued by Human Resources Development Service of Korea (HRDK)
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LANGUAGES

- **English:** Intermediate-High (TOEIC Speaking Level 6, 150/200)
 - **Korean:** Native
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PORTFOLIO

- **Personal Website:** <https://jungho.dev>
 - Comprehensive showcase of blockchain and trading system projects
- **Personal Portfolio Dashboard:** <https://kyle-park.notion.site/HI-I-m-KYLE-c52ac7c7e75c41dd92792f9db8cee895>
 - Comprehensive showcase of projects, technical documentation, and achievements