PARK JUNGHO (Kyle)

Backend Engineer | Blockchain & Trading Systems Developer

2+ years of experience building high-performance trading systems and blockchain infrastructure

CONTACT

- **Email**: andy3638@naver.com
- **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)

PROFESSIONAL EXPERIENCE

Kronon Labs Co., Ltd.

Trading System Backend Engineer | Apr 2025 - Nov 2025 (8 months)
Tech Stack: Go, Rust, Python, AWS, Docker

- **CEX Arbitrage Trading 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

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TECHNICAL SKILLS

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

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EDUCATION

Kyung Hee University, Seoul
Bachelor of Engineering in Mechanical Engineering | Mar 2014 - Aug 2022

AWARDS & RECOGNITION

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

Professional Engineer - Mechanical Engineering | Dec 2020
Human Resources Development Service of Korea

LANGUAGES

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

PORTFOLIO

Personal Website: https://jungho.dev
Comprehensive showcase of blockchain and trading system projects

Technical Documentation: https://kyle-park.notion.site/Portfolio-a69711e7a8484ec08821c84199900e37
Detailed architecture, implementation notes, and technical deep-dives