

ROVSHAN MURADOV

Middle Go Developer | Blockchain Specialist

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PROFESSIONAL SUMMARY

Experienced developer with 3+ years specializing in Go backend development and blockchain solutions. Expert in building high-performance concurrent systems, microservices architectures, and DeFi protocols. Proven track record in developing trading systems processing 10,000+ transactions daily with sub-second execution.

TECHNICAL SKILLS

Backend Development

- **Languages:** Go (Expert), Python
- **Architecture:** Microservices, REST APIs, WebSocket, gRPC
- **Databases:** PostgreSQL, Redis
- **Message Queues:** Apache Kafka
- **DevOps:** Docker, CI/CD, Git

Blockchain Development

- **Platforms:** Solana, Ethereum
- **Technologies:** Web3.js, Ethers.js, RPC Nodes
- **DeFi:** DEX Integration, AMM Protocols, Token Standards
- **Smart Contracts:** Solidity, Transaction Optimization

PROFESSIONAL EXPERIENCE

Middle Go Developer | Blockchain Engineer

2021 - Present

High-Performance Trading System github.com/RovshanMuradov/solana-bot • Built concurrent trading system processing 10,000+ transactions daily with sub-second execution

- Implemented multi-wallet management using Go channels and goroutines
- Integrated Solana DEXs (Raydium, Pump.fun, Pump.swap) with modular adapter pattern
- Developed WebSocket service for real-time data streaming and mempool monitoring
- Optimized memory usage and reduced latency by 60% through efficient data structures
- Implemented slippage protection and MEV resistance strategies

Distributed Data Processing Pipeline • Architected microservices system handling 1M+ events daily

- Implemented message queue integration with Kafka for reliable event processing
- Built resilient services with circuit breakers and graceful degradation
- Reduced processing time from 5s to 300ms through concurrent optimization

- DeFi Protocol Integration**
- Integrated multiple AMM protocols for optimal trade routing
 - Developed transaction simulation system to predict gas costs
 - Built monitoring dashboard for liquidity pool analytics
 - Achieved consistent profitability through advanced arbitrage algorithms

KEY ACHIEVEMENTS

- Designed and implemented a trading bot architecture that scales to handle multiple blockchain networks
- Reduced transaction failure rate by 80% through intelligent gas optimization
- Built a modular system that allows rapid integration of new DEX protocols
- Established best practices for concurrent programming in high-frequency trading environments

OPEN SOURCE CONTRIBUTIONS

- Active contributor to blockchain and Go ecosystem projects
- Maintain open-source trading bot framework with 100+ stars on GitHub
- Regular participant in hackathons and blockchain development communities

LANGUAGES

- **Russian:** Native
- **English:** Fluent

AVAILABILITY

Available for remote work. Open to full-time positions and consulting opportunities.