



Cryptopus

Link: <https://icobench.com/ico/cryptopus>

Cryptopus is a blockchain-based cryptocurrnecy exchange platform.

- Ethereum-based project
- IC/T0-runner
- AI-powered exchange platform

Backend Task

- Create a high-load application based on micro-service architecture
- Develop AI-driven automated trading bots, that will run inside the platform
- Bind running product with Ethereum blockchain
- Create an oracle-service to "watch" events and store inside blockchain
- Develop pack of smart-contracts to interact with exchange platform
- Create fast and robust Pub/Sub channel between all users with quick updates

Result

- Written in Node.js & Golang
- PostgreSQL for large data with sharding and back-ups
- Redis as a Pub/Sub middleware & RabbitMQ to handle queues
- Running instances inside Docker containers
- Docker containers communicate via Kubernetes