

Summary

Professional senior software engineer with 6 years of commercial experience in Technology R&D development, specializing in Rust programming. My professional journey is marked by a robust expertise in crafting and optimizing complex software systems. Alongside my technical career, I have cultivated a personal interest in trading, which has honed my analytical skills and understanding of quantitative strategies. With a strong foundation in network protocols, I am adept at adapting to diverse technological landscapes. I am eager to leverage my professional skills and personal interests in a role that bridges innovative software development with analytical challenges.

Experience, Projects

Senior Rust Developer

04.23 - now

Product is web3 app of nft marketplace (fungible, non-fungible tokens). The main target was to migrate and to enlarge (to scale) the entire app contracts infrastructure, to provide cis-2 standard inside for supporting 3 blockchains (solana, ethereum, concordium) using advantages of both. Deploying the fresh migrated smart-contracts to testnet was a MUST after unittesting. Also to support blockchain client implemented using golang.

Stack: Smart-contracts: rust (solana-sdk, anchor, solana sea level, concordia std(V0, v1 contracts), CIS-2, ethereum(erc721) erc1155). Backend: golang (grpc_api, concordium-client-golang, solana-go, gin)

OS: Linux

Senior Software Developer

07.22 - 04.23

NDA company

The client, a huge fintech SaaS company developing a new functionality for monitoring, scoring, searching, storing, updating, and delivering financial data for clients. Developing huge rps resolving microservices. Developing and building an architecture of DB cluster. Optimising DB using data orchestration, sharding, replication and partitioning. **Stack:** Rust, Python, Postgres, GraphQL MongoDB, AWS, HTTP 2, Docker, Altair, Postman.

Skills

- Rust – Actixweb, Tokio, MIO, Solana-, Near, Concordium-, Ink!- sdk
- Python – Flask, Flask-Smorest, FastAPI, Aiohttp, Asyncio, Django, Djsngo REST
- Golang – Gin, Revel web frameworks
- Blockchain networks – Solana, Concordium, Ethereum, Ink!, Near
- Databases – PostgreSQL, MySQL, SQLite, MongoDB, Redis
- Clouds – AWS (S3, DynamoDB, Lambda, ECS, Cognito, SQS, EventBridge)
- Additional – Docker, Kubernetes
- JavaScript (Vue.js, React, jQuery)

Languages

English



Ukrainian



07.22 - 03.23

Senior Software Developer

Trybasket

The client, startup application for the formation, tracking and payment of any number of baskets on different marketplaces at the same time had few issues inside parsing algos and rps. Developing serverless full and truncated(mobile) api and speed up order formation, parsing, data storing performance via multiservices.

Stack: Python, Serverless, GraphQL, MongoDB, AWS in depth, Docker, Altair, Postman

03.21 - 02.22

Senior Software Developer/Architect

Seller-online

The client, one of leaders in handmade product marketplaces business had high load rps, functionality and support issues with old backend api and event bus services. Developing new api and api-around services using high load tech stack. Building scalable multi-modules and microservices architecture. Resolving monolite rps and race condition problems via multi-modules multi-tech service. Developing a black list ML model for sorting and banning forbidden pictures by several patterns. Also building product searching and scoring services according to advertising and discount system. **Stack:** Python, Java, Golang, Rust, Postgres, MySQL, MongoDB, AWS, Docker, Kubernetes, Postman

08.18 - 08.21

Software Developer

Mantheos

Client startup in lead generating, sorting and delivering branch of business had issues inside parsing algos plus had a big troubles with parsing excel files with 1M + rows and querying big data. Developing billing and parsing systems, optimizing upload and parsing algos. Optimizing low DB queries via DB optimisation and orchestration. Due to startup - partly supporting frontend side. **Stack:** Python, R, Postgres, Javascript(Vue, JQuery)

Education

