

Vadim Filin



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WORKING EXPERIENCE (7 years total)

- Principal Engineer at Zodia Markets by Standard Chartered and OSL (December 2022 - ...)
Technologies: Docker, Golang, Java, Kotlin, NodeJS, Python, Swagger, WebSocket, FIX, MySQL, Kafka, Redis, Prometheus, AWS, AMQ
Achievements: together with DevOps and Support Engineers migrated and reconfigured whole infrastructure and codebase of [OSL Exchange](#). As RND engineer developed in Golang and integrated transaction monitoring system using [Solidus Halo](#), client portfolio data management system through [Elwood Platform](#), developed universal [FIX](#) gateway for easy access to any trading and market data bank systems.
Sanitized Java and Kotlin codebase from bugs and ineffective code, created several Python scripts for easy infrastructure management.
Heavily tested all products under my responsibility.
- Tech lead at Bequant (March 2021 – November 2022)
Technologies: Docker, Golang, Swagger, WebSocket, MariaDB, Postgres, Kafka, Nats, Redis, Redash, Prometheus, Clickhouse, TS
Achievements: rewrote existing services from TS to Golang. Implemented core service for async fetching data from crypto exchanges using cursor, rate limiter, retriever, sorting, batching etc. algorithms. Implemented async service for 'over the counter' withdrawals processing, order creating processing etc.
Led the team of 6 backend developers.
- Software engineer at Bequant (April 2020 – March 2021)
- Mentor at Solvery.io (May 2020 – October 2021)
Technologies: Python.
Achievements: Mentored of baby pythonistas. One successful case of getting Epam internship.
- Software engineer at Epam Systems (November 2018 – November 2020)
Technologies: Golang, Swagger, Protobuf, Circle-ci, Rabbit MQ, PostgreSQL, AWS, Galileo, Plaid, Rancher, Zendesk, GCP, Azure.

Achievements: I've worked for two projects:

- Aspiration bank

Summary: maintenance and development of bank backend platform (forbidden disclosure).

- Schlumberger Limited

Summary: maintenance and development of continental shelf visualization backend platform (forbidden disclosure).

- Senior software engineer at Diacare-soft (later – Spora) (April 2019 – June 2020)

Technologies: Golang, Swagger, MongoDB, Postgres, InfluxDB, MQTT, AWS.

Achievements: developed microservices in the direction of migration of a legacy monolithic telemedicine application (staffing control, symptoms analysis, patient recommendation generation, fast messages exchange, face recognition) to microservice architecture.

- Mobile backend developer at IQOption (August - October 2018)

Technologies: Golang, Echo, WebSocket, Postgres, Redis, React.

Achievements: developed backend of Treasure Hunt - shooter for IOS with additional reality features.

Implemented squad mechanism, asynchronous WebSocket connection, update Goth library to make access to Facebook user data easier, etc.

- Golang developer at Atlant (March – August 2018)

Technologies: Golang, Gin-Gonic, BadgerDB, IPFS, Go-Ethereum, Solidity.

Achievements: developed decentralized blockchain platform that solves two of the most pertinent problems in real estate: Tokenized Ownership and global P2P Rentals.

- Web-developer at Service007 (June 2017 – March 2018)

Technologies: Python, Aiohttp, Redis, MySQL, Golang, Beego, Postgres.

Achievements: developed and supported aggregator service for searching, booking, and buying air tickets, for hotel searching and reservation.

EDUCATION

- Saint-Petersburg State University of Aerospace Instrumentation, Specialist (2005-2010)

PREFERRED TECHNOLOGIES & CONCEPTS

- Golang, Clouds (AWS), RDBMS
- Git, Unix
- Algorithms, Data Structures, Blockchain, DeFi, Concurrency and Parallelism
- Conferences

WOULD LIKE TO AVOID

- Microsoft products
- Russia, Ukraine and Belarus based employers

LANGUAGES

- Russian native
- English upper-intermediate

ABOUT ME

Emirates resident. Gender queer. Love vocals, bikes, feminism and my therapist.