



EDUCATION

National Research Nuclear University MEPhI

- Information Security

Moscow, Russia

Sept. 2021 - Aug. 2025 (Present)

EXPERIENCE

Crtex

Moscow, Russia

- Jun+ Go Developer

December 2023 - Present

Go gRPC Clean Architecture Temporal Apache Kafka System Design Microservice Architecture Tracing Monitoring k8s

- Designed a microservice architecture by Dark energy forces and Dark matter forces.
- Implemented asynchronous requests using Apache Kafka.
- Tracing of requests by otel.
- Monitoring of requests by prometheus and visualization by grafana.
- Used Temporal for distributed operations and eventually consistency.

PROJECTS

redditclone

- Go RESTful API Clean Architecture MySQL MongoDB Redis GoMock JWT Docker

November 2023

- Designing API according to REST principles
- Have authorization using JWT token and Middleware pattern
- Thread-Safety application
- Almost 100% coverage in Unit Testing
- Designing each component according to SOLID principles
- Platform independent application deployment with Docker

url-shortener

- Go RESTful API gRPC MVC PostgreSQL Zap logger Docker

June 2023

- Designing API according to REST principles
- Thread-Safety application
- Flexible application configuration using config parser
- Multi-Level Logging using Zap package
- Platform independent application deployment with Docker

ACHIEVEMENTS

Development of web services on Golang by VK Education

- Go Backend/Web development Concurrency Unit testing Clean Architecture OOP SQL/NoSQL databases in Go

Sept. 2023 - Dec. 2023

- Wrote clean, secure and scalable code during all course
- Got basic skills in web, testing, work with databases from go.
- Done six big homework related directly to the business
- Took part in the final hackathon in VK
- Got on the leaderboard in the final of the course

C++ by MIPT

- C++11 Low-level development Algorithms Data Structures OOP SOLID CMake Valgrind/ASAN

Jan. 2023 - May 2023

- Wrote clean, secure and scalable code during all course
- Got basic skills in low-level programming on C++11.
- Got a powerful theoretical base in designing programs, algorithms and data structures
- Directly work with low-level testing utilities

PROGRAMMING SKILLS

- Languages:** Go, C++11
- Technologies:** TCP/IP, gRPC, SQL, Git, K8s, Docker, Bash, Apache Kafka, Temporal, PostgreSQL, MySQL, MongoDB, Redis, Clean Architecture, MVC, SOLID, GoF, RESTful/RPC API
- Knowledge:** Algorithms, Data Structures, Networks, Operating Systems, Databases, Concurrency, Tracing, Monitoring, Architectural patterns, OOP, System Design Patterns