

Roman Kopylov

SENIOR GOLANG DEVELOPER

👤 Profile

- Golang - 6 years
- Clouds (AWS, GCP)
- Docker / Compose / Kubernetes / Helm / Terraform / Jenkins / CircleCI / Bamboo
- Git / Gitflow / Gitlab / Github / Bitbucket
- Fiber / Echo / Gin
- Algorithms / Concurrency patterns / Design patterns / Clean (Onion) architecture / DDD
- Unit/Integration/E2E tests
- gRPC / Protobuf / REST / GraphQL
- SQL: PostgreSQL, MS SQL
- NoSQL: MongoDB/ DocumentDB, DynamoDB, Redis
- Cassandra
- ELK (ElasticSearch, LogStash, Kibana)
- Jaeger, Prometheus, Grafana, Datadog
- Postman, Curl
- Kafka / NATS / RabbitMQ / PubSub / SQS
- Agile / Scrum / Kanban / Waterfall

Details

Berlin

Germany

golang.roman@gmail.com

Links

[LINKEDIN](#)

📁 Employment History

Golang developer -> Senior Golang Developer at NDA, Remote USA

April 2020 — Present

The company provides omnichannel digital banking solution to Credit Unions in USA.

- Refactored a microservice to use AWS SQS for asynchronous communication with a third-party service, improving system performance and reducing response time by 43%.
- Improved quality by boosting unit test coverage for mission-critical payment services from 38% to 81%, significantly reducing production incidents.
- Developed multiple integrations with third-party services, dockerized and refactored Golang projects, improving development speed by 13%.
- Implemented an automated code quality control system with custom linters, reducing code review time by 37% and improving code consistency across the team.
- Configured alerting in Grafana using webhooks to send notifications to corporate messenger chats, reducing incident response time by 35% and improving system reliability.

Stack: golang, gRPC, Gitlab, AWS(S3, SQS, Lambda, DynamoDB), PostgreSQL, Grafana, Cassandra, Apache, Kafka, Redis, Prometheus.io, Terraform, Docker, Kubernetes, MongoDB, Datadog, GraphQL

Test automation engineer at EPAM

February 2019 — March 2020

Financial web application providing services in education, healthcare, business, corrections, and leisure.

- Built CI from scratch for running automated tests in Circle CI, improving test execution speed by 42% and ensuring continuous integration.
- Developed and maintained API automated tests and infrastructure in Golang for transfers, reducing manual testing efforts and increasing test coverage by 47%.
- Automated implementation testing for Smoke testing in production, ensuring faster validation and reducing production issues by 33%.
- Developed helper utilities for testing using Golang, speeding up testing processes by 28%.

Stack: Golang, gRPC, Rest, PostgreSQL, CircleCI, GCP
PubSub/Functions, Jaeger, ELK, Kubernetes

Test automation engineer at EPAM

January 2018 — February 2019

Financial web application providing services in education, healthcare, business, corrections, and leisure.

- Developed automated tests based on test cases and product requirements.
- Maintained automated tests to ensure their stability and reliability.
- Configured CI for automated tests to enable parallel execution.

Stack: C#, Java, Rest API, MSSQL, TeamCity, Jenkins, RabbitMQ, Docker

🎓 Education

Master of Science, Information Security, Kalashnikov Izhevsk State Technical University (ISTU)

September 2014 — July 2019

★ SPORTS

Gym, boxing