

Go Backend Developer

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TECHNOLOGY STACK

Go: net/http, concurrency, context, middleware, WebSocket, Fiber

API: REST/JSON, OpenAPI/Swagger, JWT, HTTPS/TLS

Databases: PostgreSQL (schema design, migrations, indexes, SQL), sqlc, SQLite

Infrastructure: Linux, systemd, Docker/Compose, GitLab CI/CD, cron

Observability: structured logging, debug/status endpoints, Sentry, Zabbix

Project experience: gRPC/protobuf, Kafka, Redis, Kubernetes, Microservices

Tools: Git, Bruno/Postman

ABOUT ME

Go backend developer. I build services and integrations that connect products, data and external systems.

I take tasks from requirements clarification to a working result: design service logic and APIs, implement changes, test them, deploy them and support them after release.

I am looking for a team where I can develop backend services, work more closely with the product and take more responsibility for results.

EMPLOYMENT

1C-Rarus - Go Backend Developer

12.2024 – 03.2026

Built and supported Go services for mobile and internal systems: APIs, data exchange with 1C, WebSocket gateways, proxy services, PostgreSQL and post-release support.

- Developed Go services for integrations with 1C, external APIs and internal business processes.
- Implemented APIs, background jobs and service logic, taking changes from implementation through release and post-release support.
- Worked with PostgreSQL: schema changes, migrations, indexes, SQL queries, basic query optimization and data maintenance.
- Developed data exchange flows between mobile applications, internal services and 1C, investigated exchange errors and unstable behavior of external systems.
- Improved service diagnostics with structured logs, health/debug endpoints, Sentry integration and Zabbix monitoring.
- Configured deployments with GitLab CI/CD, systemd, environment variables and TOML configuration.
- Implemented API security: JWT, HTTPS/TLS, API key authorization, access checks and protection for email-related flows.
- Wrote unit and integration tests, prepared API testing scenarios in Bruno and Postman.

- Investigated incidents in running services, fixed root causes and improved services after releases.
- Participated in requirements clarification, task decomposition and technical documentation for APIs, configuration and deployment.

Key projects:

1) PS 2.0 “MP Driver UAT”

- Designed and implemented a WebSocket gateway connecting a mobile application, backend server and 1C.
- Implemented a persistent WebSocket connection with 1C, command routing, error handling, reconnect logic and graceful connection shutdown.
- Added API key authorization, target database selection, user bindings and service commands for connection maintenance.
- Added 2 health/debug endpoints, Zabbix metrics and Sentry integration.
- Configured deployment with GitLab CI/CD, systemd, TOML and environment-based configuration.
- Prepared technical documentation and API testing scenarios in Bruno and Postman.

2) Internal backend service and integration platform for 1C-Rarus products

- Developed a service with 2 operating modes: data exchange with 1C and Web API for client and internal scenarios.
- Implemented APIs for account and access management, including password recovery and password change.
- Improved email-related flows and abuse protection: limits, checks, JWT and HTTPS/TLS.
- Configured and supported deployment of 2 running services with GitLab CI/CD and systemd.
- Worked with PostgreSQL: schemas, migrations, indexes, SQL queries and data maintenance.
- Maintained OpenAPI/Swagger documentation, including generation from 2 JSON sources.

3) UAT Proxy Server

- Took over development and support of an existing proxy service for integrations with external systems.
- Fixed request and data logging issues that affected reporting and consumption statistics.
- Built a daily cleanup process for 1,500,000+ records from the ext_host_log table in batches of 10,000 without stopping live traffic.
- Added 10+ proxy directions, including role settings, external service settings and host configurations in the database.
- Supported deployment, configuration and service diagnostics.

Project Experience in Go

03.2023 – 11.2024

- Developed project-based Go services, worked with REST and gRPC, PostgreSQL and SQLite, and used Docker to run services and databases locally.

- Practiced basic microservice scenarios: service-to-service communication via APIs, Kafka, Redis and local deployment with Docker Compose.
- Gained basic Kubernetes experience with core resources and deployment of training services.
- Set up and tested CI/CD scenarios, wrote unit and integration tests, worked in Linux and automated routine tasks with Bash scripts.

ADDITIONAL EDUCATION

Yandex Practicum - Advanced Go Development, SQL and Databases

EDUCATION

Nizhny Novgorod branch of the Academy of Labor and Social Relations

- Finance and Credit

LANGUAGES

- English - B2