Ivanov Ivan

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# SKILLS

Golang, PostgreSQL, Clickhouse, Docker, Kubernetes, Kafka, Nats, Prometheus, Grafana, Git, Jaeger, Microservices, Nginx, Jenkins,, Prometheus.io, Linux, Redis, MongoDB, RabbitMQ.

# PROFESSIONAL EXPERIENCE

**Senior Software Engineer Jul 2022 - Present**

**Microsoft , California**

* Rewrote outdated SMS services in Go, implemented business and technical metrics, resolving issues with providers.
* Integrated with 10 new SMS providers and optimized the provider selection algorithm, saving the company $1 million annually and increasing message delivery rate to 99.99%.
* Developed an administrative panel for technical support, reducing response time from hours to 2 minutes.
* Replaced NATS with Kafka as the message broker, ensuring reliable delivery without losses.
* Improved domain service performance, reducing latency from 150 ms to 50 ms.
* Implemented a unified log format for simplified search.

Tech Stack: Go, Postgres, Kafka, NATS, Clickhouse, Redis, gRPC, HTTP, Prometheus, Grafana, OpenTracing, Marketing Cloud, AWS SES, Docker, Kubernetes, Helm.

**Golang Team Lead Apr 2020 - Jul 2022**

**Google, USA**

*Russia’s largest provider of digital services for a wide variety of consumers, households, private businesses, government and municipal authorities, and other telecom providers.*

* Led a team of 4 backend developers, successfully launching an online library project for students from scratch.
* Designed the project architecture and selected technologies, considering company resources.
* Conducted code reviews for all project tasks.
* Introduced Scrum to the team, including planning, retrospectives, daily stand-ups, and task estimation in story points.
* Optimized database queries, reducing execution time from 3 seconds to 50 ms.

Tech Stack: Go, Postgres, Mongo, Kafka, Clickhouse, Redis, gRPC, HTTP, Prometheus, Grafana, OpenTracing, Docker, Docker Compose, Kubernetes, Helm.

**Senior Software Engineer Mar 2019 - Apr 2020**

**Alibaba,China**

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* Implemented Scrum to optimize work processes.
* Improved testing, achieving 80% code coverage with tests.
* Broke down a monolith into microservices, enhancing system efficiency.

Tech Stack: Go, Postgres, Kafka, Clickhouse, Redis, gRPC, HTTP, Prometheus, Grafana, OpenTracing, Docker, Docker Compose, Kubernetes, GCP.

# EDUCATION

* Moscow Institute of Technology, Master degree, Computer Science

# LANGUAGES

* English C1
* Russian Native