

CONSTANTINE YACHNYTSKYI

GO & RUST BACKEND / DISTRIBUTED SYSTEMS ENGINEER

Kyiv, Ukraine | +380 95 560 37 51 | yachnytskyi1992@gmail.com | LinkedIn | GitHub | YouTube

PROFESSIONAL SUMMARY

Senior Go and Rust backend engineer with 11+ years of experience designing, building, and optimizing production backend services and distributed systems. Strong in system architecture, PostgreSQL performance, event-driven services, microservices, and cloud-native delivery. Combines hands-on implementation with production ownership and root-cause analysis, delivering improvements such as reducing page-load time from 60-70 seconds to 1 second and peak database CPU from 100% to 10-15%.

TECHNICAL SKILLS

Core Languages	Go (Golang), Rust
Backend & APIs	Distributed Systems, Microservices, REST, gRPC, GraphQL, Event-Driven Architecture
Data & Search	PostgreSQL, MySQL, MongoDB, Redis, Elasticsearch / ELK, SQL Optimization, Indexing
Messaging	RabbitMQ, NATS
Cloud & Delivery	AWS, Kubernetes, Docker, CI/CD, Git
Additional Languages	Python, Elixir

PROFESSIONAL EXPERIENCE

Go / Rust Backend Engineer | Capgemini Engineering Mar 2023 - Present

- Optimized critical backend and data-access paths, reducing page-load time from 60-70 seconds to 1 second by eliminating N+1 queries and redesigning data-access logic.
- Reduced database queries on key endpoints from 50-60 to 3-5, substantially lowering per-request database work.
- Designed composite, single-column, and JSON indexes that reduced peak database CPU utilization from 100% to 10-15%.
- Owned production database schema design, query performance, and data-access optimization across backend services.
- Resolved a long-standing product-availability inconsistency by tracing stale-data behavior to a business-logic edge case and defining a durable product-level fix.

Go / Rust Backend Engineer | GlobalLogic Mar 2021 - Mar 2023

- Built reusable pagination, ordering, query-helper, and Elasticsearch components, including a shared filtering and query pipeline that reduced duplicate query/filtering code by 90% and improved search consistency across services.
- Optimized Docker build workflows, reducing image size by up to 100x.

Earlier Go / Rust Backend Experience 2015 - Mar 2021

- Built and maintained Go and Rust backend services, including a payment-processing microservice handling 10,000+ transactions per day.
- Delivered real-time reporting for balances and settlements and developed internal APIs supporting business-critical workflows.
- Built an internal API gateway that reduced partner-integration timelines from weeks to days.

LANGUAGES

English: Full Professional Proficiency Russian: Native/Bilingual Proficiency