

Ruslan Khasanshin

Senior Software Engineer — Backend & Full-Stack

Portugal · Remote

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Summary

Senior software engineer with 9+ years of experience, focused on Go and Java/Kotlin backend systems. Take projects from ambiguous requirements through domain modeling, implementation, launch, and production support. Work spans insurance and travel launches, cross-service access control, and observability adopted across 25 services. Full-stack experience includes 4 years of commercial React/TypeScript development and current Next.js work.

Experience

QIC digital hub — Senior Backend Engineer

Nov 2025–Present · Remote

- Helped take an incomplete Go rewrite of the motor-insurance backend through a phased production launch. Completed and stabilized quote, pricing, payment, policy, and document flows, the API gateway, and external integrations.
- Co-owned QIC Travel's backend launch in a small backend team, delivering features for events and experiences, hotel search and booking, provider integrations, synchronization pipelines, and webhooks using an outbox pattern.
- Supported live policy purchases and investigated failed transactions with PostgreSQL, logs, and distributed traces, working directly with the support team.
- Designed and implemented the observability layer of a shared Go library adopted across 25 services: structured logging, sensitive-data masking, OpenTelemetry tracing, and Prometheus metrics. Preserved trace context across HTTP, gRPC, Kafka, workers, and outbox processing. Built Grafana dashboards and 30+ operational alerts with trace correlation and diagnostic links; refined alert rules to reduce noise.
- Expanded unit and Testcontainers integration tests across 15+ services; established shared CI checks and 50%+ coverage baselines, with many critical services reaching 70–90%+.
- Rolled out Renovate and govulncheck across 25 repositories and coordinated Snyk and Trivy checks with Operations for automated dependency maintenance and vulnerability detection.

Diabolocom — Senior Java Developer

Nov 2021–Nov 2025 · Remote

- Built and operated 5 Java/Kotlin microservices handling most admin-panel traffic and inter-service communication for a cloud contact-center CRM; participated in on-call support.
- Co-designed and built a Go worker synchronizing fine-grained access permissions from a central PostgreSQL database to service databases. Used RabbitMQ triggers, idempotent incremental updates, batching, and bounded goroutine concurrency to reduce traffic and synchronization time.
- Reduced response time for a frequently called, filter-heavy API from approximately 800 ms to 150 ms through profiling, query optimization, and service-level changes.
- Added approximately 800–1,000 automated tests and introduced technical and business metrics. Set up CI checks and OpenAPI client/server code generation.

- Acted as hands-on tech lead in a 5-engineer team for 18 months, leading refinement, onboarding, mentoring, and delivery improvements, including standardized builds and dependency checks.

7bits — Full-Stack Software Engineer

Sep 2017–Nov 2021 · Russia

- Built frontend and backend for a [multi-tenant cybersecurity SaaS](#) with Java/Kotlin/Spring and React/TypeScript: content filtering, analytics, domain-list synchronization, and improvements to the existing DNS-processing pipeline.
- Delivered products for clients and internal teams from requirements through production; led 1 project and taught introductory programming courses.

Additional Engineering Experience

Nonprofit Information Platform — Volunteer Lead Software Engineer

Oct 2024–Present · Remote

- Own the production platform's Django/DRF and PostgreSQL/PostGIS backend, deployment, and observability. Build Next.js calendar and location-search features with feedback from users and a non-technical volunteer team.
- Designed timezone-aware scheduling, delegated authorization, and multilingual search. Reduced a key API's p99 latency from approximately 15 seconds to 500 ms through profiling and query redesign.

[voomy](#) — Independent Product

Mar 2026–Present

- Building a pre-launch bilingual creator platform for video, subscriptions, paid access, discovery, community, and moderation.
- Own architecture, implementation, CI, and operations with Next.js, TypeScript, PostgreSQL, and Drizzle. My wife leads product vision, design, and user workflows; we make product decisions together.

Writing & Speaking

- **How we're reducing divergence across Go services** — [Medium \(English\)](#) · [Habr \(Russian\)](#)
- **Designing a Real-World High-Scale Content Filtering System** — [YouTube \(Russian\)](#)

Core Skills

- **Backend:** Go, Java/Kotlin, Spring, Node.js, Python/Django, REST, gRPC/Protobuf
- **Frontend:** TypeScript, React, Next.js
- **Data & messaging:** SQL, PostgreSQL, Redis, Kafka, RabbitMQ
- **Platform:** Docker, Kubernetes, OpenTelemetry, Prometheus, Grafana
- **Delivery:** GitLab CI, GitHub Actions
- **AI-assisted engineering:** Daily use of coding agents across the development lifecycle; reusable agent skills, repository instructions, and automated checks.
- **Languages:** English, professional working proficiency; Russian, native

Education

Omsk State Technical University — BSc in Software Engineering

Software Development for Automated Systems · 2017–2021