

OREST KLYMKO

Software Architect · Backend Engineer · Tech Lead

Distributed systems · Kotlin/Java · Spring Boot · Kubernetes · Event-driven architecture

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Software Engineer with 5+ years of experience designing distributed systems and leading engineering teams. Track record of owning end-to-end delivery: from business requirements through architecture design to production deployment. Owned projects end to end across a 10+ microservice system at Erste Digital (Austria's largest banking group). Deep expertise in Java, Spring Boot, Kubernetes, Kafka, and observability. Co-founder of a production mobile platform. Available for remote contract roles with US-based companies.

TECHNICAL SKILLS

Languages	Kotlin, Java 17/21, TypeScript, SQL
Frameworks	Spring Boot, Spring Security, Spring Data, Hibernate, React, React Native
Architecture	Microservices, Event-driven,DDD, REST API design, API Gateway patterns
Messaging	Apache Kafka, RabbitMQ, IBM MQ, Apache NiFi
Databases	PostgreSQL, MongoDB, Oracle, Redis
Infra / Cloud	Kubernetes, Docker, Helm, ArgoCD, GitOps, CI/CD pipelines
Observability	OpenTelemetry, Grafana, Loki, Tempo, Prometheus, distributed tracing
Security	Keycloak, OAuth2, OIDC, JWT, role-based access control
Tools	Git, Liquibase, Flyway, JUnit, Mockito, PlantUML

WORK EXPERIENCE

Software Architect / Tech Lead | **DATALAN** May 2026 – Present · Bratislava, Slovakia · Remote

Leading architecture and delivery of an enterprise data pipeline platform.

- Own end-to-end architecture of a large-scale data pipeline platform: Apache NiFi, Kafka, RabbitMQ, MongoDB, PostgreSQL, Spring Boot microservices on Kubernetes
- Translate business requirements from solution managers into microservice design: service boundaries, data flow, performance targets, and integration contracts
- Delegate implementation tasks to team members; responsible for code quality, architecture reviews, and technical standards across the team
- Own deployment pipeline to test and production environments — ArgoCD, GitOps
- Built observability stack: OpenTelemetry Collector → Grafana/Tempo/Loki/Prometheus with W3C traceparent and MDC correlation IDs
- Authored API standards adopted by the team: Envelope Pattern, ProblemDetail RFC 7807, i18n error responses

Software Engineer | **Erste Digital GmbH** Jan 2025 – May 2026 · Vienna, Austria · Hybrid Erste Group —

Austria's largest banking group, 15M+ customers across Central & Eastern Europe.

- Owned projects end to end across a 10+ microservice system — business requirements, architecture, implementation, production.

- Owned end-to-end solution delivery: received business requirements from solution managers, designed microservice decomposition, and drove implementation through to production
- Designed and modeled RESTful APIs including integrations with external services and third-party systems
- Contributed to API infrastructure design and led architectural design reviews within the backend team
- Applied blue/green deployment pattern for zero-downtime releases across production environments
- Collaborated on building and optimizing CI/CD pipelines and deployment workflows
- Worked with Chopsuey (Red Hat) for application configuration and deployment

Co-Founder & Software Architect | **MMA Finds** *Dec 2024 – Present · Slovakia · Remote*

- Designed and built end-to-end platform for combat sports domain: backend, mobile app, infrastructure
- Stack: Kotlin/Java, Spring Boot, PostgreSQL, Keycloak, React Native (Expo), event-driven architecture
- Implemented OIDC/JWT auth with Keycloak, real-time features: chat, notifications, live updates
- Full ownership from DB schema design to production deployment — sole architect and engineer

Backend / Full-stack Developer | **GAMO a.s.** *Jan 2024 – Jan 2025 · Banská Bystrica · Hybrid*

- Built microservices in Java/Kotlin with Spring Boot for enterprise client request and data management
- Optimized Oracle DB queries for high-frequency read/write workloads
- Developed REST APIs and Angular frontend components; wrote integration tests (JUnit, Mockito)
- Schema versioning with Liquibase

Backend Developer | **Nestify** *Mar 2022 – Jan 2024 · Bratislava · Remote*

- Designed and implemented REST APIs using Spring Boot, Java/Kotlin, PostgreSQL
- Architected microservices with event-driven communication patterns
- Optimized PostgreSQL queries; schema migrations with Flyway
- Delivered Next.js SSR frontend features in collaboration with frontend and QA teams

EDUCATION

Bachelor of Engineering (Bc.) | **Technical University of Košice** *2018 – 2021 · Prešov, Slovakia*

Faculty of Mechanical Engineering

LANGUAGES

English B2 Upper-Intermediate · **Ukrainian** C2 Native · **Slovak** C1 Advanced · **Russian** C1 Advanced

AVAILABILITY

Open to remote contract roles with US-based companies. Available immediately. Operating as independent contractor (B2B). Familiar with W-8BEN / international payment structures.