

ALDIYAR ANUAR

Backend Developer | 5+ Years Experience

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PROFESSIONAL SUMMARY

Backend Engineer with 5 years of experience designing distributed systems and high-load microservices using Go and Python. Strong expertise in AI-powered platforms, LLM integrations, RAG architectures, and event-driven systems. Experienced in building scalable cloud-native applications on AWS, implementing secure authentication flows, high-performance APIs, message queues, and data-intensive systems processing millions of records. Passionate about system design, performance optimization, clean architecture, and production-grade reliability.

EXPERIENCE

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|---|---|
| Software Engineer
<i>MSSP Global</i> | Jul 2025 – Present
<i>Remote</i> |
| <ul style="list-style-type: none">Architected and launched AI-driven medical audit platform for Kazakhstan's national healthcare system, automating quality control for millions of medical cases annuallyBuilt scalable microservices ecosystem serving the National Medical Insurance Fund (FSMC)Integrated Gemini API for automated expert evaluation scoring, processing thousands of medical cases dailyDeveloped RAG system using pgvector and semantic search for intelligent medical response generationImplemented end-to-end digital signature infrastructure using Kazakhstan National Certification Authority (NCA)Designed event-driven architecture with RabbitMQ and Redis for high-volume distributed processing | |
| Software Engineer
<i>Halyk Bank - kino.kz</i> | Aug 2023 – Jul 2025
<i>Almaty, Kazakhstan (Remote)</i> |
| <ul style="list-style-type: none">Built enterprise reporting system processing 15K+ daily transactions for business analytics teamsIntegrated multiple cinema reservation systems (Kinopark, UCS Primera, Platform24) via REST APIsImplemented email service integration with Promodo, increasing customer engagement by 40%Optimized critical booking queries, reducing response time from 2s to 300ms under production load | |
| Software Engineer
<i>Kwaaka</i> | Oct 2021 – Aug 2023
<i>Nur-Sultan, Kazakhstan</i> |
| <ul style="list-style-type: none">Architected distributed microservices for order management using Go and PostgreSQLDesigned and implemented scalable AWS infrastructure (Lambda, API Gateway, SQS, EventBridge, CloudWatch)Built real-time order tracking system handling 10K+ concurrent usersIntegrated third-party delivery services (Glovo, Wolt, IIKO), increasing partner coverage by 200%Implemented secure authentication and role-based authorization systems across services | |
| Software Engineer
<i>JSC "NAT Kazakhstan"</i> | Jul 2020 – Oct 2021
<i>Nur-Sultan, Kazakhstan</i> |
| <ul style="list-style-type: none">Developed REST API using Flask and PostgreSQL for LMS integrationEngineered corporate email processing platform for internal communications | |

TECHNICAL SKILLS

Languages: Go (Golang), Python, JavaScript, SQL
Frameworks: FastAPI, Flask
AI & Architecture: LLM Integration, RAG Systems, Vector Databases (pgvector), Semantic Search, Event-Driven Architecture, Distributed Systems, High-Load Systems, System Design, Microservices Architecture
Databases: PostgreSQL, MongoDB, Redis
Cloud & DevOps: AWS, Docker, Linux, Cron, Github Actions, Gitlab CI/CD
Integration: REST APIs, Message Queues, Kafka, Third-party APIs
Tools: Git, Postman, VS Code, etc

EDUCATION

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| Bachelor of Computer Science and Software
<i>Shokan Ualikhanov Kokshetau State University</i> | Sep 2020 – Jun 2022
<i>Kokshetau, Kazakhstan</i> |
| Bachelor of Jurisprudence
<i>Suleiman Demirel University</i> | Sep 2016 – Jun 2020
<i>Almaty, Kazakhstan</i> |