

Nikita Babanin

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Summary

Backend-focused Software Engineer with 7+ years of experience building scalable cloud services and distributed systems, with a strong focus on reliability, performance, and end-to-end ownership.

Skills

Golang, Go Modules, gRPC, Gin, TypeScript, Node.js, AWS (Lambda, API Gateway, Bedrock, IAM, VPC, EC2, SQS, SNS, EventBridge, RDS PostgreSQL/Aurora, Cognito, IoT), React, LLM, RAG, PostgreSQL, SQL, Redis, Kafka, Kubernetes, Docker, Linux, CI/CD, Git

Experience

Mainix

Feb 2025 - Present

Senior Software Engineer | Co-Founder

WA, US · Remote

Co-founded Mainix, an AI automation studio building production agentic systems and LLM-powered platforms for mid-market and enterprise customers. As lead engineer, designed LangGraph-based agent workflows with RAG over private knowledge bases, integrating OpenAI, AWS Bedrock, and pgvector. Built Python/FastAPI backends with event-driven AWS infrastructure and owned end-to-end delivery from customer scoping to production deployment.

Aiphone

Dec 2023 - Feb 2026

Software Engineer

WA, US · Hybrid

Built core backend services for Aiphone's enterprise IoT remote management platform, including AWS IoT Core integrations, event-driven pipelines, secure device configuration updates, idempotent retries, and DLQ handling.

Implemented authorization, registration, and GDPR-compliant account deletion with restore and re-delete support. Also contributed to the SIM/eSIM billing platform by integrating AT&T, C2, and Stripe workflows, while improving reliability and observability through retries, structured logging, and operational tooling.

RecMan

Apr 2023 - Mar 2024

Senior Software Engineer

WA, US · Remote

Built a CRM data ingestion pipeline at RecMan that reduced manual data entry from ~15 minutes to ~5 seconds and contributed to \$3M+ ARR growth.

Designed Kafka-based ingestion and processing services, defined data models and mapping rules, and added parsing, validation, deduplication, and idempotency checks to keep CRM data reliable across retries. Improved observability with structured logging, metrics, and distributed tracing.

Ghost (Sigma Software)

Software Engineer

Mar 2022 - Jan 2023

CA, US · Remote

Delivered backend services for Ghost (ghst.io), a multi-tenant B2B marketplace connecting business buyers and suppliers.

Built marketplace features across listings, orders, supplier discovery, and supplier sync, using tenant-scoped PostgreSQL queries and isolated schemas to enforce strict data separation across enterprise customers. Designed queue-based service handoffs for scalability and resilience, and built versioned REST APIs with validation, consistent error handling, and role-based access for web and integration clients.

Playwire (Sigma Software)

Software Engineer

Apr 2021 - Mar 2022

CA, US · Remote

Improved Playwire's Golang ad-serving platform handling ~10k requests/min at ~90ms p95 latency, supporting bid selection across multiple auction providers and returning VAST/VPAID creatives to publishers across web, mobile, and connected TV.

Strengthened VAST/VPAID parsing, XML validation, and wrapper-chain handling across varied provider formats and broken creative payloads. Added monitoring, structured logging, retries, and error handling across bid-selection and creative-delivery paths, improving production visibility and reliability. Managed AWS/Kubernetes services with Kafka-backed event ingestion and PostgreSQL storage for client-event analytics at scale.

HuntMe

Software Engineer

Dec 2019 - Apr 2021

Remote

Designed and implemented REST APIs for HuntME's internal Employee Management CRM, covering employee profiles, role-based access, lifecycle workflows, notifications, and chat features.

Built authorization and access-control logic at the API layer to enforce permissions consistently across modules. Developed backend services with Node.js, TypeScript, PostgreSQL, and Redis, adding structured logging, consistent error handling, and reliable API contracts while collaborating directly with frontend and product teams.

Education | Certifications

Bachelor of Science in Computer Engineering

Kharkiv National University of Radio Electronics

2018 – 2022

Amazon Web Services

AWS Certified Developer - Associate

2023 – 2026