

Best Technology Talent For Companies Around The World



Max

Senior Backend Engineer

Summary

Senior Backend Engineer with 10+ years of experience designing, building, and operating high-performance distributed systems and cloud-native backend platforms. Strong expertise in Java 21, Spring Boot, microservices, event-driven architecture, gRPC/Protobuf, Kafka, AWS, Kubernetes, and distributed systems.

Experienced in modernizing complex production environments and migrating legacy architectures, including HTTP-to-gRPC, EC2-to-EKS, Kinesis-to-Kafka, and Redis/Memcached migrations. Strong hands-on background in backend API development, messaging pipelines, Kubernetes deployments, CI/CD automation, caching, observability, performance optimization, and production troubleshooting. Strong focus on code quality and automated testing, with unit testing as a standard part of the development process.

Spent nearly five years working remotely with a US product company on a large-scale consumer location and safety platform. Contributed to service-domain separation, backend modernization, production migrations, Kafka adoption, infrastructure automation, and reliability improvements. Experienced in diagnosing complex production issues involving Kafka Schema Registry, RDS Proxy, distributed caches, authentication, observability, and service resource constraints.

Strong ownership and problem-solving mindset with extensive experience working independently in distributed remote teams. Comfortable taking technically complex tasks from design through production rollout and troubleshooting. Experienced in mentoring engineers, knowledge sharing, onboarding, and driving backend and infrastructure improvements with a strong focus on reliability and production readiness.



TECHNICAL SKILLS:

- Backend: Java 21, Spring Boot, gRPC, Protobuf, REST
- Databases: PostgreSQL, MySQL, DynamoDB, MongoDB, Redis, Memcached
- Messaging: Kafka, Kinesis, RabbitMQ, NSQ
- Cloud & DevOps: AWS (EKS, EC2, RDS, EFS), Kubernetes, Helm, Terraform, Docker, ArgoCD, Argo Rollouts, CI/CD
- Testing & Delivery: Unit Testing, Testcontainers, Toxiproxy, E2E Testing, Code Review
- Architecture: Microservices, Event-Driven Architecture, DDD, Distributed Systems, System Design, Performance Optimization
- Observability: Prometheus, Grafana, Datadog, Scalyr, PagerDuty
- Other: Claude, Cursor AI, Codex

Professional Career

Senior Backend Engineer

October 2021 – September 2026 | Czech Republic

Project info:

Large-scale consumer location and safety platform with cloud-native backend services, distributed messaging, production infrastructure, and service modernization.

Responsibilities:

- Developed and modernized backend services using Java, Spring Boot, gRPC, Protobuf, Kafka, AWS, and Kubernetes
- Implemented device-domain APIs and Protobuf/gRPC contracts while extracting functionality from a legacy platform
- Migrated internal consumers from HTTP to gRPC across backend repositories
- Implemented a staged Kinesis-to-Kafka dual-write pipeline with failure isolation, runtime validation, and rollout observability
- Contributed to production migration of asynchronous services from EC2 to AWS EKS
- Built shared Java BOM and automated dependency-upgrade workflows
- Implemented Redis/Memcached cache-routing and migration mechanisms with metrics and dashboards
- Integrated Jenkins end-to-end test pipelines with Argo Rollouts deployment gates
- Designed Kubernetes operational automation using Helm-managed CronJobs
- Diagnosed production issues involving Kafka Schema Registry, RDS Proxy, distributed caches, observability, and resource constraints

Software and technologies:

Java, Spring Boot, gRPC, Protobuf, Kafka, Kinesis, AWS, EKS, Kubernetes, Helm, Terraform, Redis, Memcached, Jenkins, GitHub Actions, Argo Rollouts, Prometheus, Grafana

Senior Backend Engineer

July 2019 – September 2021 | Czech Republic

Project info:

Performance management platform built on a microservices architecture with emphasis on backend scalability, monitoring, caching, and production stability.

Responsibilities:

- Designed and implemented the microservices architecture
- Led backend development and mentored engineers
- Diagnosed and resolved a critical production latency issue caused by Redis resource exhaustion
- Introduced Datadog monitoring for real-time visibility and faster incident resolution
- Improved system stability through caching and infrastructure optimization
- Established knowledge-sharing and onboarding processes

Software Engineer (Java/Go)

January 2019 – June 2019 | Ukraine

Project info:

Distributed microservices environment on AWS with Java and Go backend services.

Responsibilities:

- Developed backend services in Java and Go within a distributed microservices architecture
- Designed scalable services and optimized system performance
- Used Docker and Kubernetes for deployment and orchestration

Software and technologies:

Java, Go, AWS, Docker, Kubernetes

Software Engineer

February 2018 – December 2018 | Ukraine

Project info:

E-commerce platform with Java backend services and REST APIs.

Responsibilities:

- Developed backend services using Java and Spring Boot
- Built REST APIs and optimized database performance

Software and technologies:

Java, Spring Boot, REST APIs

Software Engineer

May 2016 – January 2018 | Ukraine

Project info:

Backend systems developed initially with PHP and later Java, with focus on performance and scalable architecture.

Responsibilities:

- Developed backend systems using PHP and later Java
- Contributed to performance improvements and scalable backend architecture

Software and technologies:

PHP, Java

Education

National Polytechnic University, Odesa,
Bachelor's Degree in Computer Science

Languages

English: Upper-Intermediate

Ukrainian: Native