

Ali Novruzov

Backend Engineer

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Profile Summary

Motivated and detail-oriented Backend Engineer with hands-on experience in building robust backend systems using Java and Spring Boot. Skilled in designing clean APIs, multi-tenant architectures, and reliable data models. Experienced in documenting engineering decisions through detailed case studies and working under constraints to deliver functional MVPs. Known for strong communication, teamwork, and problem-solving skills, with a focus on clean architecture, testing, and system maintainability.

Education

Azerbaijan State University of Economics (UNEC) Sep 2024 – May 2028

Bachelor's Degree in Computer Science

Activities: InnoLand Hackathon, University Startup Competition - Winner (PixelSwift)

Relevant Skills: Java, Spring Boot, REST API, PostgreSQL, Problem Solving

EvoAcademy Java Backend Program Nov 2024 – May 2025

Topics Covered: Spring Boot, Spring Framework, REST APIs, Docker, Git, Maven, JDBC, PostgreSQL

Certifications

Junior Java Backend Certificate Issued: July 2025 | Expires: April 2028

Issued by EvoAcademy

Covered: Java, Spring Framework, Spring Boot, REST APIs, PostgreSQL

Projects

PixelSwift: No-Code Website Builder Platform Jan 2026 – Present

Backend Engineer / Co-Founder (Next.js, React, TypeScript, Tailwind CSS, PostgreSQL, Prisma, Vercel)

An innovative No-Code platform that enables users to create websites using a drag & drop interface with a completely Non-AI approach, promising full control and predictable results.

- Designed the backend architecture focusing on multi-tenancy and data isolation.
- Structured the entire page layout to be stored in JSON format in the background for fast and efficient rendering.
- Developed the publication mechanism enabling users to convert completed designs to static files (HTML, CSS, JS) and upload them to the server with a single click.

- Won the University Startup Competition, gaining experience in presenting technical solutions and product vision.

FILM.SYS: Cyberpunk Movie Discovery App

Jan 2026 – Present

Full-Stack / Mobile Developer (Next.js 16, Capacitor 7, Framer Motion, Zustand, TMDB API, CapGo, Android SDK)

A high-end, cyberpunk-inspired Android movie discovery application that utilizes an intelligent Dice Roll mechanic to instantly surface recommendations based on smart user filters.

- Implemented a futuristic HUD interface optimized for AMOLED screens using smooth micro-animations powered by Framer Motion.
- Converted the web-built platform into an Android APK (v2.2.5) using Capacitor 7 and Android SDK.
- Set up over-the-air (OTA) update delivery workflows via CapGo to bypass App Store/Play Store approval delays.
- Integrated TMDB API supporting core multi-language localization (EN, AZ, RU), watch history tracking, and favorites archive.

Remote Patient Monitoring System

Apr 2025 – Present

Java Backend Developer (Spring Boot, PostgreSQL, Fitbit API, Docker)

Built the backend for a web-based health monitoring system that tracks patients' vital data such as heart rate, blood sugar, and blood pressure. Integrated Fitbit API for real-time health data analysis.

- Developed secure RESTful APIs with Spring Boot and designed PostgreSQL database schema for health records.
- Integrated Fitbit API for heart rate data retrieval and implemented backend logic for abnormal data alerts.
- Developed simulation endpoints for generating random health data to populate doctors' dashboards.
- Ensured scalability and maintainability of backend services using clean architecture principles.

Technical Skills

- **Languages:** Java, Kotlin, Go, TypeScript, SQL
- **Frameworks:** Spring Boot, Spring Cloud, Hibernate, gRPC, Next.js, Prisma ORM
- **Databases:** PostgreSQL, MongoDB, Redis, Elasticsearch, JDBC
- **Tools & DevOps:** Git, Maven, Docker, Kubernetes, AWS, GitHub Actions, Postman, Kafka, RabbitMQ, Grafana, Prometheus
- **Concepts:** RESTful APIs, Object-Oriented Programming, Domain-Driven Design, Observability, Event-driven microservices, CI/CD automation

Soft Skills

Teamwork | Communication | Time Management | Problem Solving | Adaptability

Languages

- **Azerbaijani:** Native
- **Turkish:** Intermediate / Advanced
- **English:** B1 (Intermediate - Aptis exam preparation in progress)