

NURSTAN DUISENGALIYEV

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EDUCATION

Nazarbayev University

Bachelor of Computer Science

- CGPA: 3.58/4.0 (Top 4%)

August 2023 – Present (Expected: May 2027)

Astana, Kazakhstan

TECHNICAL SKILLS

Programming Languages: Java, Kotlin, C/C++, Python, SQL, MIPS assembly

Technologies and Frameworks: Spring Boot, Django, PostgreSQL, SQLite, NumPy, Git, Flyway

Data Structures & Algorithms: 2,000+ Codeforces problems solved (rating 2007); proven Olympiad medalist

EXPERIENCE

Yandex, Software Engineer Intern

May 2025 – August 2025

Yandex.Market New Architecture Development Team

- Automated Backend-Driven UI for **A/B** testing by updating **15+** configs per cycle, leading to faster feature launches.
- Increased reliability of **9+ microservices** by automating CI/CD cleanup workflows in Arcadia CI, reducing failed deployments.
- Improved logging and error handling by refining request parsing, cutting debugging time for engineers.
- **Tech Stack:** Kotlin, Spring Boot, CI/CD, Lua, YAML.

Networks Energy, Backend Developer

January 2025 – May 2025

Algorithms Team focusing on Train Systems

- Built REST API to solve Vehicle Routing Problem with Profits, optimizing train routing and leading to higher system performance.
- Designed a wagon return algorithm that boosted revenue by **30%** by reducing idle capacity.
- **Tech Stack:** Java, Spring Boot, PostgreSQL, Optimization Algorithms (Metaheuristics).

PROJECTS

Referral Bot

September 2025 – Present

Telegram Bot for Job Referrals

- Built a Telegram bot that automated the job referral process, connecting applicants with referrers instantly.
- Developed backend to manage user data, referral statuses, and skills with reliable performance.
- Integrated real-time messaging and database migrations to ensure smooth, zero-downtime updates.
- **Tech Stack:** Kotlin, Spring Boot, PostgreSQL, Flyway, Telegram API, Docker

ACHIEVEMENTS

ICPC Semi-final (2024): Top 10 team in Central Asia; Third Degree Diploma among 270+ teams.

Zhautykov Olympiad in CS (2022): Silver Medal, top 75 out of 350 participants from 20+ countries.

Proggy-Buggy Contest (2022): 1st place out of 1,767 participants from 34 countries.

Olympiad of Metropolises (2020–2021): Silver & Bronze Medals among 200+ participants from 32 countries.