

ALIBI AMANZHOLOV

Astana, Kazakhstan — Full/Part time — Remote/Hybrid

☎ +77774348337

✉ alibi.amanzholov@nu.edu.kz

🌐 [linkedin.com/in/alibi-amanzholov](https://www.linkedin.com/in/alibi-amanzholov)

🐙 github.com/haroke4

TECHNICAL SKILLS

Languages: Python, Dart, JavaScript/TypeScript, HTML/CSS, Bash

Backend: Django, Flask, FastAPI, Celery, Nginx, RabbitMQ, PostgreSQL, MongoDB

DevOps & Tools: Docker, Git, GitHub Actions, Firebase, Linux, Figma

Integrations: REST APIs, WebSockets, WebRTC, OpenAI Api, Gemini Api, Telegram

Mobile: Flutter, BLoC, GetX, ObjectBox, Hive, GetIt, Isolates, animations.

EXPERIENCE

Pilgrim INC | Full-Stack Mobile Developer

Jun 2024 – Jun 2025

Backend:

- Led a 4-dev team, set sprint scope, architecture, release pipeline, and mentored 3 beginner programmers.
- Implemented chat foundation with polymorphic models and `django_model_utils` → 90% code logic reuse.
- Developed a type-safe “Action” protocol for WebSockets (Django Channels) → 0 schema breaks in production.
- Engineered a hash-based sync system → cut payload size by 90% and reduced sync time to < 200ms.
- Designed and deployed a media gateway (DRF + Nginx) → 0 unauthorized file requests.
- Built a push-notification system with smart retries → 99.9% delivery.
- Automated CI/CD via Docker & GitHub Actions → deployment in < 2 minutes.

Flutter:

- Built offline-first chat application with real-time sync with 100+ REST & WebSocket endpoints.
- Introduced an ObjectBox-based caching system → reduced data-load latency from 2500ms to 1ms.
- Designed custom message-chunking algorithm for scroll jumps → saved 40% RAM, no lag.
- Programmed rich animations (Hero, transitions, `flutter_animate`) → sleek, responsive UI.
- Implemented modular message framework → new message types integrate in < 4 hours.
- Created 30+ reusable widgets (focus menu, text/image/choice inputs, paginated search) → sped up dev by 30%.

Vector Edu (Startup) | Co-Founder & Developer

Apr 2024 – Sep 2024

- Shipped MVP within 8 weeks to 500+ users → 4.8 rating, Top-18 Edu App in Kazakhstan.
- Built polymorphic content system in Django → new learning blocks in < 2 h.
- Architected secure gateway between core & AI services using JWT → abuse prevention, -40% auth latency.
- Designed 25+ Figma screens with Auto Layout → reduced UI dev time by 30%.
- Implemented daily streaks and FCM notifications → user retention up 20%.
- Introduced modular MVC pattern to Flutter → new dev onboarding < 1 day.
- Built 30+ high-performance widgets → 60FPS on mid-range devices 99.9% of frames.

Freelance | Django & Flutter Developer

Nov 2022 – Apr 2024

- Cargonika.ru: smart, real-time logistics backend (DRF + WebSockets) → ≈100 drivers served daily.
- Incubator: built backend on DRF + FastApi & launched iOS/Android within 3month → 500 daily active users.
- Psychology: offline, voice-guided meditation app with custom versioning → 87% faster sync.
- Jumysta: geofenced tracker (selfie + GPS) → 100% check-in compliance for 200+ workers.
- Scoped features, estimated sprints, and handled client comms/store releases → on-time delivery across 4+ projects.

Shift Systems | Junior Python Developer

Aug 2022 – Nov 2022

- Built Python WebSocket backend → enabled real-time chat between web clients.
- Crafted responsive “floaty” chat block UI with HTML/CSS/JS → smooth, reload-free user experience.
- Implemented SQLAlchemy models on SQLite → reliable message storage and easy local testing..

EDUCATION

Nazarbayev University

B.S. in Computer Science — CGPA 3.22/4.0 (Rank 41/260) · National Scholarship

Astana, Kazakhstan

Yandex.Lyceum

Python Developer Student — Top-performing (57/10 000 +)

Almaty, Kazakhstan

AWARDS

3rd worldwide, 1st place Kazakhstan — FIRST Tech Challenge 2023 (Lead Engineer)

Global Finalist (top 35/3000+) — NASA Space Apps 2022 (Lead Programmer)

Top-performing student (57/10 000 +) — Yandex.Lyceum 2022