

ISFANDIYOR DJAMALUTDINOV

Senior Software Engineer — Flutter & AI Agent Systems

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SUMMARY

Senior engineer building production AI agent systems and Flutter applications at national scale. Created NUR, an 18-agent commerce assistant with in-chat checkout, live in a production e-commerce app in 4 languages. Lead Flutter developer of Uzbekistan's government IMEI registration app serving 400,000+ users. Founded Theo AI, a financial assistant grown to 10,000+ users as a solo developer. Six years of Flutter experience across freelance, founder, and corporate work; currently leading a team of 3 engineers.

EXPERIENCE

Tech Lead — 7TECH (NEOTECH LLC), e-commerce platform for home appliances

Tashkent, Uzbekistan · April 2024 – Present

- Designed and shipped **NUR**, a multi-agent AI shopping assistant — **18 specialized agents** (triage, product search, orders, consultation) embedded in the production mobile app via WebView + JS bridge, with interactive widgets, **in-chat checkout**, and 4 languages.
- Architected the triage-and-routing layer that splits queries across narrow specialized agents, cutting response latency and hallucination frequency versus the original single-agent design.
- Leading development of **NUR Voice**, a real-time voice commerce agent built on **Gemini Live**.
- **7analytics** — AI marketing analytics platform (Next.js + Python) unifying Yandex Metrika, Meta, Telegram, and Google Ads data: OpenAI agent chat assistant (ChatKit), automated report summaries, and an AI landing-page constructor that analyzes brand accounts and generates page structure and hero imagery.
- Built the company **CMS** (Flutter) with a fully custom block-based content editor (React, TipTap, drag-and-drop) embedded via JS bridge, plus AI utilities for product spec parsing and keyword generation.
- Lead a team of 3 engineers: system architecture, sprint planning, code review; work directly with business stakeholders.
- Shipped a marketing banner platform and a real-time seller order dashboard (long-polling).

Lead Flutter Developer — Birda, government IMEI registration service

Remote, Uzbekistan · July 2024 – Present

- Built the national IMEI registration app serving **400,000+ users**: Face ID identity verification, online customs duty payments, eSIM activation.
- Implemented the analytics and observability stack: Firebase, AppMetrica, Mixpanel, Sentry.

AI Product Engineer (Contract) — confidential AI startup (under NDA)

Remote · December 2025 – Present

- Design and build conversational AI products end-to-end; currently a Russian-language AI companion with **dual-layer long-term memory** (MemGPT/Letta + Mem0), relationship-state modeling, and proactive messaging. Stack: Anthropic Claude API, Redis, PostgreSQL.

Founder & Lead Developer — Theo AI — AI financial assistant (Telegram)

2025 – Present

- Grew to **10,000+ users** in the Uzbek market as a solo founder-developer: voice expense tracking (ElevenLabs), LLM-based transaction categorization, multi-currency support. Stack: Python, OpenAI, Telegram Bot API.

Freelance Flutter Developer — independent clients

March 2020 – Present

- Built and delivered Flutter apps for clients end-to-end: requirements, architecture, UI, API integration, and releases.
- **QRChing** — QR-code raffle platform with two raffle engines (Classic, Dynamic), delivered to TestFlight.

Selected Projects — personal

- **Zinq** (in development) — anonymous chat app with self-destructing ephemeral media. Flutter, Fastify (TypeScript), PostgreSQL, Redis, Cloudflare R2, Railway.

SKILLS

Mobile: Flutter, Dart (6 years; shipping since 2020)

Web: React, Next.js, TypeScript, Vite, TipTap, Zustand

AI / Agents: Multi-agent architectures, LangChain / LangGraph, OpenAI Agents SDK, OpenAI ChatKit, Anthropic Claude API, Gemini Live (real-time voice), MCP (built custom servers: Jira, Flutter automation), RAG, prompt evaluation

Backend: Python, TypeScript / Node.js (Fastify), PostgreSQL, Redis, Firebase, Supabase

Infrastructure: Docker, CI/CD, Cloudflare R2, Railway

Workflow: AI-native development: Claude Code agent loops, autonomous Flutter UI iteration via mobile-mcp

EDUCATION

B.Sc. Computer Science — University of Lodz, Poland · 2020 – 2023

LANGUAGES

English (C1, IELTS 7.5) · Russian (native) · Uzbek (native)