Abdurahimjon Mirzoev

Full-stack Engineer & Software Architect

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SUMMARY

In IT since 2014. I design and build production-ready systems that run 24/7: telecom integrations (SMPP, USSD, billing), backend services, Telegram bots and AI agents, web and Android apps. I combine interface design with engineering — from mockup to deployment.

CORE SKILLS

- Backend & high-load: APIs, microservices, queues and caching (Go, Node.js, PHP)
- Telecom integrations: SMPP, USSD, billing, short codes
- Telegram bots, data collection, automation with LLMs and MCP
- End-to-end products: UI/UX design, web, Android and iOS, CI/CD, launch

EXPERIENCE

Babilon-Mobile — mobile operator, Tajikistan

Designer & Developer

- Developed the Recharge and onDealer subscriber web services (PHP, MySQL).
- nomero.tj — a vanity-number service: built it entirely, end to end — the website (CodeIgniter, PostgreSQL) and an Android and iOS app (Ionic).
- Billing API Service: designed a “core + operator adapters” architecture and develop the backend in Go.
- As part of the team: a Go SMPP gateway with a gRPC interface and the design of a USSD gateway.
- Contributing to the online network coverage map for babilon-m.tj (2G/3G/4G layers).

Caritas — international organisation

Project

- SMS system: collecting farmers’ soil-sensor data and SMS communication with farmers.

ZONE — own products

Creator & Developer

- agentZone — an orchestrator of always-on AI agents for SMM, monitoring and automation.
- tgZone — collecting and labelling data from Telegram groups via an API and MCP.
- PassWise — an Android app for US citizenship and DMV permit test preparation.

TECHNOLOGIES

Backend	Go, Node.js, PHP 8 / Laravel, CodeIgniter, Python, gRPC
Telecom	SMPP, USSD, billing, SMS gateways
Frontend	Vue 3, React, UI/UX design
Data	PostgreSQL, MySQL, Redis
DevOps	Linux, Docker, Kubernetes, GitLab CI

EDUCATION

Higher education (degree)

CASE STUDIES

- Billing API Service: mirzoev.cv/en/projects/billing-api
- SMPP / USSD Gateway: mirzoev.cv/en/projects/smpp-ussd
- Babilon-Mobile portals: mirzoev.cv/en/projects/babilon-portals