

SHERZODJON
ABDUMUTALOV

SOFTWARE DEVELOPMENT TEAM LEAD
Backend Engineer | Solution Architect

LOCATION
Tashkent, Uzbekistan
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5+
YEARS IN SOFTWARE

~10
SYSTEMS ADOPTED

2
PUBLIC APP STORES

533
DJANGO TESTS PASSED

CORE STACK

Backend: Python, Django, DRF, FastAPI
Data: PostgreSQL, PostGIS, MongoDB, ClickHouse
Async: Redis, Celery, RabbitMQ, WebSocket
GIS: GeoDjango, GeoServer, WMS/WFS, Go GeoProxy
Frontend: React, TypeScript, Vue.js, JavaScript
Delivery: Docker, Nginx, CI/CD, Sentry, Git

LEADERSHIP

- Business-to-architecture translation
- Task decomposition and work allocation
- Code review and architecture governance
- Migration, integration, and release ownership

EARLIER EXPERIENCE

Thinkland
Full-stack / Frontend Developer
Oct 2022 - Oct 2023
ZAKO IT Academy
Frontend, Python Backend Intern, Full Stack Engineer
Aug 2021 - Oct 2022

EDUCATION

B.Sc. Computer Systems Networking & Telecommunications
Tashkent University of Information Technologies named after Muhammad al-Khwarizmi
2023 | GPA 4.16/5

CERTIFICATIONS

IELTS Overall Band 6.0
IDP Education Ltd | Jun 2026
IBM Back-End Development
IBM / Coursera | Sep 2025

LANGUAGES

Uzbek: Native
English: B2 / Upper-intermediate

PROFESSIONAL PROFILE

Software Development Team Lead and backend/solution architect with 5+ years of experience delivering production systems across GovTech, GIS, AgriTech, security/observability, and startup environments. Experienced in turning complex business processes into domain models, secure APIs, scalable data architectures, integrations, and reliable delivery workflows. Led architecture, task decomposition, code review, migrations, and releases; delivered authentication, hierarchical permissions, regional analytics, billing, and CropAgro integration for a multi-stakeholder agricultural platform; initiated a logging and fraud-detection platform used by approximately 10 systems; built the backend and web platform for a mobile product released on both major app stores; and contributed an upstream Django 6 compatibility fix.

PROFESSIONAL EXPERIENCE

- Software Development Team Lead | Single Integrator - UZINFOCOM LLCOct 2024 - Present
- Tashkent, Uzbekistan | Full-time, on-site
- Lead backend and solution architecture for complex GovTech/GIS and AgriTech systems, translating institutional workflows into domain boundaries, data models, API contracts, and integration patterns.
 - Define standards for modular architecture, PostgreSQL/PostGIS, GeoServer, RBAC and regional data scope, authentication, auditing, asynchronous processing, and production deployment.
 - Decompose requirements into technical tasks, assign work, guide engineers, review code, coordinate database migrations and cross-module contracts, and control release quality.
 - Designed secure GIS delivery using PostGIS, GeoServer, and a dedicated Go GeoProxy, with OneID, UDocs, tax/cadastral, monitoring, and sector-specific integrations.
 - Initiated and architected a reusable multi-tenant user-activity logging and fraud-detection platform now used by approximately 10 information systems.
- Software Engineer | Single Integrator - UZINFOCOM LLC
- Sep 2023 - Oct 2024
- Tashkent, Uzbekistan | Full-time, on-site
- Built scalable Django/DRF backends, Vue/JavaScript interfaces, and reusable components for multi-project environments.
 - Implemented multi-schema isolation with django-tenants and geospatial workflows using GeoDjango, PostGIS, and polygon data.
 - Integrated third-party APIs and asynchronous workflows with Celery and Redis; containerized and served applications with Docker and Nginx.
 - Automated CI/CD and refactored legacy code to improve maintainability, debugging, and release reliability.
 - Contributed to Agro Platforma across Django/DRF APIs, OneID/JWT authentication, Redis-cached hierarchical permissions, CropAgro integration, billing operations, and regional reporting.

SELECTED PROJECTS & IMPACT

WaterCadastre suvkadastr.uz Team Lead Backend & Solution Architecture <i>Django, DRF, PostgreSQL/PostGIS, GeoServer, Redis, Celery, RabbitMQ, Go GeoProxy</i> - Architected a modular government GIS platform for water resources, infrastructure, cadastral records, statistics, documents, and national-to-district data management. - Owned security standards, regional RBAC/data scope, integrations, work allocation, code review, migrations, and releases.	Cocooning Team Lead Backend & Solution Architecture <i>Django, DRF, PostgreSQL, Redis, Celery, RabbitMQ, Channels, Daphne, UDocs</i> - Designed the domain and access architecture for the complete sericulture lifecycle, from land and seed through cultivation and final crop. - Implemented seasonal context, asynchronous Excel onboarding, real-time notifications, electronic documents, and traceability.
Centralized Logging & Fraud Detection Project Initiator Team Lead Solution Architect <i>FastAPI, MongoDB, RabbitMQ, Motor, aio-pika, JWT, HMAC-SHA256, Sentry, Docker</i> - Designed multi-tenant event ingestion, partitioned log storage, configurable indexing and aggregation, rule-based fraud detection, and signed webhooks with retries. - Adopted by approximately 10 information systems.	Dcard - Digital Discount & Loyalty Project Initiator Technical Product Lead Sole Backend & Web Engineer <i>Django, DRF, PostgreSQL/PostGIS, Redis, Celery, Channels, ClickHouse, FCM, React/TypeScript</i> - Designed and implemented the platform except mobile clients: authentication, subscriptions, payments, QR verification, loyalty, notifications, analytics, web panels, tests, and deployment. - Publicly released on Apple App Store and Google Play. Google Play Apple App Store
Agro Platforma agroplatforma.uz Software Engineer Verified contribution: May 2024 - Mar 2025 <i>Python, Django, DRF, PostgreSQL/PostGIS, Redis, Celery, Django Templates, Bootstrap, JWT, Docker, GitLab CI</i> - Delivered backend, API, database, and operational UI features for crop planning, preferential credit, financing, contracts, billing, electronic documents, and regional reporting. - Implemented OneID/JWT authentication, Redis-cached hierarchical permissions, database-side analytics, CropAgro synchronization, Celery processing, and role/region-scoped workflows in a large Django monolith.	

OPEN-SOURCE CONTRIBUTION

OPEN SOURCE	django-extensions - Django 6 Regression Fixes Open-Source Contributor Merged May 21, 2026 Fixed backward-compatible Django 6 regressions, validated under Django 6.0.3 with 533 passed, 4 skipped, 4 xfailed, and 6 xpassed tests, and completed public maintainer review. Pull Request #1979 Verified merged commit
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TECHNICAL CAPABILITY MATRIX

Architecture & Leadership Domain decomposition, modular monoliths, multi-tenancy, technical ownership, task planning, code review, migration and release governance.	Backend & Data Python, Django/DRF, FastAPI, PostgreSQL/PostGIS, MongoDB, Redis, ClickHouse, indexing, partitioning, and aggregation.
Security & Integration RBAC, regional data scope, JWT/OTP, API tokens, rate limiting, audit, HMAC webhooks, OneID, UDocs, CropAgro, and tax/cadastral services.	Delivery & Real-time Celery, RabbitMQ, Redis Streams, WebSocket, Docker, Nginx, CI/CD, Sentry, Git, production release coordination.

LinkedIn django-extensions PR #1979 Merged commit Dcard on Google Play Dcard on App Store
