Said Muradkhan

Backend Developer · Go

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SUMMARY

Backend developer focused on Go. I build small, reliable HTTP services with clear REST APIs, caching, rate limiting, structured logging, high test coverage and simple Docker-based deployment. My Go service cbar-rates serves the official Central Bank of Azerbaijan exchange rates in production, with gofmt, go vet and go test -race in CI. At Leops I work on production backends in Laravel and MySQL (queued jobs, external API integrations, schema design), and I also write backend services in Python. Computer Science student at Khazar University. English B2.

SKILLS

Languages	Go, PHP, Python, JavaScript (ES6+), TypeScript, SQL
Go	net/http, encoding/xml, log/slog, embed, testing and httptest, race detector, gofmt, go vet
Backend	REST API design, caching, rate limiting, graceful shutdown, structured logging, background jobs, Laravel, Django REST Framework, FastAPI
Databases	PostgreSQL, MySQL, schema design, migrations, indexing and slow-query optimization
Testing	Go unit and HTTP tests, coverage gates in CI, pytest, PHPUnit
CI/CD and tools	Git, GitHub Actions, GitLab CI/CD, Docker (multi-stage, distroless), Vercel, server deployment

EXPERIENCE

Full Stack Developer · Leops

Jan 2026 – Present · Baku, Azerbaijan

Spec-Taxi, internal fleet management system (db.spec.taxi) Jun 2026 – Present

Laravel 8, PHP, MySQL, queued jobs, Artisan scheduler, PHPUnit, GitLab CI/CD

Platform for ride-hailing and courier fleet operations: drivers, cars, contracts, payments, inventory and reports. A full Laravel codebase with 130+ Eloquent models. I am one of its main contributors, with 670+ commits.

- Wrote integrations with external services as queued jobs and scheduled Artisan commands (23 commands, 18 jobs): fleet, driver and car sync from the Bolt API, harsh-driving events from Wialon GPS, traffic fines and vehicle inspection status.
- Added progress tracking for queued Artisan operations across processes, and made the sync jobs safe against queue retries, overlapping runs and provider downtime.
- Designed the schema for new features: 115 migrations and 37 Eloquent models, plus composite MySQL indexes for the driver list and statistics queries.
- Wrote PHPUnit feature tests (58 tests) for contract closing rules, queue job behaviour, driver-exit detection and fleet statistics.
- Built the inventory, sales and cash-register modules, including stock reservation and reconciliation of the cash register against bank statements.

Assetra, asset and inventory management product (team project, in progress) Jul 2026 – Present

Laravel 13, React 19, AWS S3

- Designed and documented the first version of its REST API in Laravel, added image storage on AWS S3 and moved translations into the database.

Driver behaviour analysis platform (internal geospatial tool) Jan – May 2026

- Added NestJS modules with Prisma (drivers, geofences, email) to the back end, and was the main contributor to its React and TypeScript front end (Redux Toolkit, Leaflet).

Leops corporate website (leops.az) Jan 2026 – Present

- Built and deployed the company website end to end (Laravel) and maintain it in production. Across projects I also handle server deployments, environment configuration and production troubleshooting.

PROJECTS (PERSONAL, BUILT SOLO)

cbar-rates · Exchange rate microservice in Go Sep – Oct 2026

Fetches the official daily exchange rates of the Central Bank of Azerbaijan, parses the XML feed and serves it as a JSON REST API with a converter page and a 30-day history chart.

- Endpoints for current, past-date and converted rates and a 1 to 90 day history. Weekends and holidays return the last working day's rates.
- Rates are cached in memory (today's for an hour, past days permanently). If CBAR is unreachable the last cached copy is served, and concurrent requests for the same day share one upstream call.
- CBAR only answers requests from Azerbaijan, so a server abroad falls back to a second provider, converts its numbers to CBAR's quoting and marks the source in every response.
- Per-IP token-bucket rate limiting (60 requests a minute, 429 with Retry-After), graceful shutdown on SIGTERM and structured JSON logging with log/slog.
- Written with the standard library only (net/http, encoding/xml, embed), with a plain SVG chart and no third-party modules.
- Unit and HTTP tests (testing, httptest) with at least 80% coverage enforced in CI, together with gofmt, go vet and go test -race.
- Multi-stage Docker build into a ~20 MB distroless image that runs as non-root.

Go (net/http, encoding/xml, log/slog, embed), Docker, GitHub Actions, Vercel · github.com/saidmuradkhan/cbar-rates · rates.saidmuradkhan.dev

az-job-radar · Job vacancy scraper and analytics API Oct 2026

Async scraper and data pipeline that collects vacancies from 10 Azerbaijani job sites every 3 hours and serves the results through a FastAPI REST API and a dashboard.

- Concurrent scraping with asyncio and httpx. Scheduled pipeline on GitHub Actions writes to PostgreSQL (SQLAlchemy, Alembic migrations), about 900 vacancies per run.
- Tests run offline against saved pages: 98% coverage, with a CI gate at 85%.

Python, asyncio, httpx, FastAPI, SQLAlchemy, Alembic, PostgreSQL, pytest · github.com/saidmuradkhan/az-job-radar · radar.saidmuradkhan.dev

jobtrack · Job application tracker Sep – Oct 2026

Full-stack tracker for job applications, built on my two services (vacancies from az-job-radar, salary conversion with rates from cbar-rates).

- REST API with Django REST Framework: JWT authentication, per-user data isolation, filtering, search and ordering.
- A webhook receives forwarded job emails, classifies them in three languages and moves the matching application forward automatically.
- 133 backend tests (pytest-django) and 37 frontend tests (Vitest) run in GitHub Actions.

Python, Django REST Framework, JWT, PostgreSQL, React (Vite), pytest, Vitest · github.com/saidmuradkhan/jobtrack · jobs.saidmuradkhan.dev

Other projects

- PassIn: offline password manager for Windows in C# and C++ (AES-256-GCM through Windows CNG), with an installer and a CI/release pipeline.
- React front ends: an event ticketing platform with real card payments through the Payriff API, the Zenvolt e-commerce store, a car import and shipping site, the Amber Lounge cocktail app and my portfolio website.

EDUCATION AND LANGUAGES

Khazar University · Bachelor's degree, Computer Science Sep 2024 – Jun 2028 (expected)

Defence Industry Research & Innovation Center (MSTİM) · Bachelor of Engineering Sep 2026 – Present

Mechatronics, Robotics, Automation & AI. Engineer Training & Defence Industry Ecosystem Development Program.

Div Academy · Full Stack Web Development programme (current grade 98/100) Nov 2025 – Present

Languages: Azerbaijani (native), Turkish (C1–C2), English (B2), Russian (A2)