

Seilbek Skindirov

Software Developer · Full-Stack Engineer

Kazakhstan · 17+ years

17+ years across the stack – from GPS, GSM and VoIP gateways early on to CRM/ERP integrations and payments more recently.

About

Full-stack and backend engineer with 17+ years building backends, integrations and full-stack products.

The work has ranged from web platforms with payment and banking integrations and, recently, CRM/ERP synchronization, to GPS/GSM/VoIP gateways and access-control device software earlier in my career.

Comfortable across the stack – backend services, integration entry points, data-synchronization pipelines, and migrating monoliths to microservices and Docker.

Experience

Backend Engineer @ Repfabric LLC (via Yoxel, Inc, Employer of Record)

Apr 2021 – Present · Tahoma, United States · Remote · Full-time

Tools for automation and synchronization of business workflows.

- Designed and implemented unified integration entry points for CRM/ERP systems including Repfabric, Salesforce, Oasis, Fishbowl, AutoQuotes and QuickBooks.
- Maintained and enhanced MS Outlook and Gmail add-ons/extensions to meet business requirements.
- Built data-synchronization pipelines for bidirectional dataset transfer between third-party systems.
- Expanded unit and integration test coverage across multiple services.

Scala · ZIO · Dart · PostgreSQL

Backend Engineer @ iSate LTD

Jul 2020 – Mar 2021 · Astana, Kazakhstan · Hybrid · Full-time

Software development and document-automation services.

- Maintained and adapted a legacy system to evolving business requirements.
- Contributed to the architecture and design of new backend services.
- Proposed and implemented CI/CD pipelines using TeamCity.

C# · PostgreSQL · TeamCity

Contract Developer @ Vienna LTD

Jun 2017 – Jan 2020 · Astana, Kazakhstan · Remote · Project-based

Healthcare software (alongside a full-time role).

- Built a web portal for medical staff to manage patient-related workflows.
- Created several internal tools to address specific business requirements.

Dart · Angular · C++

Contract Developer @ Space Management LTD

Jul 2014 – Feb 2015 · Astana, Kazakhstan · Project-based

Access-control hardware integration (alongside a full-time role).

- Established communication between turnstile access-control devices and a backend server.

C++

Full-Stack Engineer @ 5Plus Information Technologies LLP

Jul 2013 – Jun 2020 · Astana, Kazakhstan · On-site · Full-time

National test-preparation platform for high-school graduates in Kazakhstan.

- Led frontend and backend development, including a full migration from desktop to web application.
- Integrated payment systems and banking APIs into the platform.
- Migrated the platform to microservices and Dockerized the production

infrastructure.

- Designed and maintained internal and external task-management workflows.
PHP · Go · Dart · C# · PostgreSQL · Redis · Docker

Contract Developer @ Monitoring Plus LTD

Feb 2013 – May 2013 · Kostanay, Kazakhstan · Project-based
Vehicle GPS-tracking software.

- Consulted on GPS device integration during development of an internal tracking service.
- Developed tools to automate internal workflows.
C++ · Delphi

Contract Developer @ Regional Government Department

Aug 2010 – Feb 2013 · Kostanay, Kazakhstan · Project-based
Government department of the Kostanay region (alongside a full-time role).

- Implemented a real-time internal chat application.
Delphi · C++

Full-Stack Engineer @ 390001 LTD

Feb 2009 – Apr 2013 · Kostanay, Kazakhstan · Full-time
Taxi dispatch and logistics service.

- Maintained and extended a legacy dispatch-management system.
- Created accounting tools to address business reporting requirements.
- Implemented GPS integration, including custom server/client development and in-vehicle device setup.
- Designed and implemented a GSM gateway using an internal modem via AT commands.
- Designed and implemented a VoIP gateway based on Asterisk and the SIP protocol.
Delphi · C++ · MySQL

Projects

Beacon

github.com/prorochestvo/beacon

Go · SQLite · WASM · Telegram Bot API · Mini App · REST

Production Telegram bot and Mini App tracking FX and precious-metal rates across national banks, built as a multi-binary service.

- Multi-binary architecture – separate collector, notifier, web, migrator and operator (doctor) processes over a shared SQLite store.
- WASM Telegram Mini App for per-user subscriptions: sparkline charts, rate history, and delta / interval / daily / cron alert conditions.
- Versioned REST API with an embedded operator dashboard; LLM-assisted extraction-rule generation in the doctor tool.

YardDog

github.com/prorochestvo/yarddog

Go · SQLite · Raspberry Pi · Telegram Bot API

Self-hosted home-network watchdog that monitors the internet uplink and reboots a GPON router when the link goes down.

- Cron-fired, port-less watchdog on a Raspberry Pi – detects outages against independent IP and DNS targets, then reboots the router by driving its web UI (session login, per-request CSRF token).
- Records every check, reboot and recovery phase in SQLite, announces reboots over Telegram, and exposes the history as JSON through an optional read-only LAN query daemon.
- Cross-platform host telemetry (CPU, memory, disk, temperature, network counters), cross-compiling for linux/arm64, amd64 and Apple Silicon.

VPNTunnel

github.com/prorochestvo/vpntunnel

Go · WireGuard (userspace)

Forward HTTP proxy routing all egress through a bearer-authenticated WireGuard tunnel – no root, no kernel modules.

- Userspace networking; HTTP forward and HTTPS CONNECT in one static binary.
- Constant-time token authentication.

NeuroCompass

commercial project • NDA

Go • SQLite • vanilla JS • Telegram Mini App

Commissioned Telegram Mini App for cognitive self-analysis, delivered to production.

- Full backend: SQLite storage and OpenRouter LLM integration.
- Seven-screen UI.

LogInjector

github.com/prorochestvo/loginjector

Go • stdlib core • HTTP middleware

Concurrent-safe structured logging library: fan-out to multiple sinks with level-targeted hooks.

- Pluggable handlers – console, rotating file, Telegram – composed as io.Writer sinks.
- HTTP middleware preserving Flusher/Hijacker/Pusher; auto-redacts authorization headers.

DSNInjector

github.com/prorochestvo/dsninjector

Go • stdlib core

Go library for parsing and building Data Source Names – connection strings, environment variables and data-source configuration.

- Parses a DSN into structured accessors: driver, host, port, database and query options.
- No runtime dependencies beyond the standard library.

WhoAmI

github.com/prorochestvo/whoami

Go • html/template • Cloudflare Pages

A static-site generator that builds a personal CV / portfolio into plain static HTML at build time – no backend to run.

Education

Z. Aldamzhar Kostanay Social-Technical University

Bachelor • Computer Engineering and Software • 2008

Skills

Languages	Go, Scala, PHP, Dart
Frameworks	Flutter, Angular
Data	PostgreSQL, MySQL, Redis
Infra & Tools	Docker, Git, JIRA, Nginx, GitHub Actions
Domains	CRM/ERP integration, Payments & banking APIs, Microservices, GPS / GSM / VoIP, Device communication

Languages

Russian – Native • English – Elementary (A2)

Contacts

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