

Leonid Sopov

Senior Backend Engineer | Go, Python, Perl

Full CV: resume.sopov.org

Belgrade, Serbia

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Languages: Russian (Native), English ([Intermediate](#))

SUMMARY

Senior Backend Engineer, 20+ years of experience — Go, Python, Perl. Focused on legacy modernization: migrating aging systems to modern stacks while keeping production stable. Experience with payment infrastructure under PCI DSS/GDPR/DORA. Exploring AI-assisted engineering and multi-agent workflows.

EXPERIENCE

Senior Backend Engineer / Team Lead

[MY.GAMES](#) — Payment Solutions Department (Mar 2024 – Jul 2026 //2 yrs)

Worked on secure payment infrastructure under PCI DSS, GDPR, DORA, and internal security policy requirements.

- Led the team in the final phase: knowledge transfer, onboarding of the successor engineers, and transition of service ownership.
- Maintained and refactored legacy Perl payment services for security, stability, and testability.
- Integrated new payment acquirers (Payermax, Stripe, Adyen), implementing 3DS authorization flows, IBAN/country code validation, and anti-fraud system hooks.
- Moved services from VMs to Docker Compose; some also went to Kubernetes.
- Optimized stage deployment pipeline from ~9 minutes to 14 seconds.
- Strengthened service security and automated configuration and secret management across payment services.

Senior Go & Python Developer

[Acronis](#) — Platform Department (Jul 2020 – Jan 2024 //4 yrs)

Worked on backend services and tooling with a focus on legacy migration, API development, and automation.

- Rewrote the Serial Number parsing service from Perl (with C++ XS bindings) into a standalone Go REST API, eliminating the C++ build dependency.
- Extended the Go Account Server: migrated API endpoints from the Python backend and resolved critical production issues.
- Extended and maintained the Reporting Service: replaced DELETE-based retention with DROP PARTITION for performance, added support for new offering items, and resolved critical production incidents.

Lead of Perl Development Team

[Acronis](#) – Perl Applications Department (Nov 2019 – Jul 2021 //2 yrs)

Led the Perl backend team at Acronis, managing a team of two developers, responsible for core internal services and infrastructure tools.

- Managed a team of two developers: code review, unit testing standards, documentation, and professional growth.
- Introduced and enforced code review practices and Perl Best Practices.
- Migrated a 122,000-line Perl codebase to a modern build and deployment setup, and containerized services using Docker.

Founder & Solo Engineer

[Bible Online Project](#) — [only.bible](#) · [bibleonline.ru](#) · [bible.ru](#) (Oct 2003 – Present //23 yrs)

Solo-built and operated for 20+ years. Platform serving 2M+ unique users and 10M+ page views per year. Full ownership: architecture, development, deployment, monitoring, and incident response.

- Multi-layer stack: Traefik → Nginx/NJS → Apache mod_perl2 (HTML::Mason) → MariaDB + Sphinx Search + Memcached.
- Full-text search in Russian, English, and German via Sphinx Search with custom dictionaries and morphology.
- Go caching reverse proxy for users in restricted regions: hybrid SQLite + filesystem cache, content transformation pipeline, Python-generated config system for multi-domain deployments.
- Go microservice for parsing and normalizing Bible references ([bible.ru](#)): multi-language input, Unicode normalization, QR code API.
- Infrastructure: 50+ project-related Docker containers across multiple servers — Perl and Go backends, Varnish CDN, Sphinx search, MariaDB.

SKILLS

Programming languages: Go, Python, Perl, JavaScript, SQL, bash, JSON, YAML, XML, REST API, RAML, Swagger, JetBrains, VSCode, Cursor

Technologies: Docker, Kubernetes, RabbitMQ, AMQP, Nginx, Apache, Linux

Compliance & Regulations: PCI DSS, GDPR, DORA, Corporate InfoSec Policies

Databases: PostgreSQL, MySQL, MariaDB, Redis, SQLite

Cyber Security: OWASP, SQL Injection, Script Injection, XXE, XSS, [CTF](#)

Methodology: Systems Design, DevOps, Team Management, Project Management, Git, JIRA (JQL), Confluence

AI / Agentic Workflows: Claude Code, OpenAI Codex CLI, GitHub Copilot, MCP, Multi-agent Protocols, Prompt Engineering