

Leonid Sopov

Senior Go Backend Engineer

Full CV: resume.sopov.org

Belgrade, Serbia

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

SUMMARY

Senior Go Backend Engineer with 20+ years in backend systems. Focused on legacy modernization — migrating Perl and Python services to Go 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

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

Working on payment infrastructure and backend services under PCI DSS, GDPR, and DORA compliance requirements.

- Optimized stage deployment pipeline from ~9 minutes to 14 seconds: replaced git attribute filters with direct text substitution, optimized startup scripts, and added git caching.
- Implemented Git-based SSH access management with automated provisioning and account expiration.
- Integrated new payment acquirers, implementing 3DS authorization flows and anti-fraud system hooks.
- Moved services from VMs to Docker Compose; some also went to Kubernetes.
- Fixed multiple critical security vulnerabilities in payment code and automated secret rotation across configuration files.

Senior Go & Python Developer

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

Worked on backend services and tooling with a primary focus on Go development, legacy migration, and system reliability.

- 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.
- Implemented E2E tests using Gherkin and Python.

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.
- Wrote detailed design documentation and clarified undocumented system internals.
- 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.
- Served as the single point of contact for all cross-team requests and technical queries related to the Perl backend.

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.

- Developed a Go caching reverse proxy deployed in Russia, providing access for users in restricted regions: hybrid SQLite + filesystem cache, content transformation pipeline (URL rewriting, header manipulation, banner injection), Python-generated config system for multi-domain deployments.
- Developed a Go microservice for parsing and normalizing Bible references ([bible.ru](#)): multi-language input (Russian, English), Unicode normalization, prefix book matching, chapter/verse range optimization, QR code API with custom SVG generation.
- Infrastructure: 50+ Docker containers across multiple servers with geo-distributed proxies; Perl and Go backends, Varnish CDN, Sphinx search, MariaDB, forum, radio streaming, REST API.
- Developed a public REST API for Bible texts ([api.bibleonline.ru](#)), documented and used by external developers.
- Operates community across VK (68K+ subscribers), Facebook (7.5K+ likes), and other platforms.

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: MySQL, MariaDB, SQLite, Memcached

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, ChatGPT, MCP (Model Context Protocol), Multi-agent Protocols, Prompt Engineering