

# Sergei Naumov

## Senior Backend / Security Platform Engineer

Israel | Targeting US-based roles | [linkedin.com/in/sergei-naumov-backend](https://www.linkedin.com/in/sergei-naumov-backend) | [sergeinaumov.dev](https://sergeinaumov.dev) | tweet9ra@gmail.com

### SUMMARY

Senior Backend / Security Platform Engineer with 8+ years of backend and platform experience, focused on HashiCorp Vault-based secrets management, PKI/TLS automation, Kubernetes infrastructure, and Go services. Builds internal security platforms that standardize access, certificate lifecycle, and infrastructure workflows across large production environments.

### CORE SKILLS

**Security / Platform:** HashiCorp Vault, Secrets Management, PKI/TLS, Certificate Lifecycle Automation, ACME workflows, Access Control / IAM

**Vault / Kubernetes:** KV, PKI, Transit, Kubernetes auth, AppRole, LDAP, renewable token workflows, Puppet, Kubernetes, Docker

**Backend:** Go, microservices, REST APIs, distributed systems, CI/CD, RabbitMQ, Kafka, PostgreSQL, MySQL, Redis, PHP, Laravel, Symfony

### PROFESSIONAL EXPERIENCE

**Avito** - Senior Software Engineer, Security Platform / PKI

Apr 2023 - Present

- Built and operated Vault-based secrets management and PKI capabilities for a large-scale production platform spanning thousands of services, DB-backed workloads, and multi-cluster Kubernetes infrastructure.
- Administered HashiCorp Vault KV, PKI, and Transit engines; managed Kubernetes auth, AppRole, LDAP-backed human access, and renewable token lifecycle workflows.
- Designed access provisioning for service, team, and personal secrets using ownership-based authorization and custom access-control integrations.
- Integrated Vault with Kubernetes, Puppet, and direct service clients to standardize secrets access patterns across heterogeneous production infrastructure.
- Built Go-based PKI/TLS automation around step-ca, ACME workflows, certificate lifecycle management, custom FQDN/SAN validation, migration tooling, and rollout support.
- Supported migration from manual/legacy certificate processes toward automated issuance and renewal, reducing operational risk from certificate lifecycle failures.

**Garage Eight** - Back End Developer

Jun 2022 - Apr 2023

- Built Go microservices for platform-adjacent backend workflows in an international fintech environment, using RabbitMQ, Kubernetes, and Docker for distributed service execution and deployment workflows.
- Worked across complex business-domain integrations, including translation automation and customer data platform workflows.

**Lamoda Group** - Back End Developer

Nov 2020 - Jun 2022

- Built PHP microservices and backend automation for product marking / regulatory compliance workflows; decomposed deadline-sensitive projects into technical plans.
- Maintained functional/unit test coverage around 95% for key workflows and helped interview/onboard backend engineers.

**Badoo** - Backend Infrastructure Developer

Jun 2020 - Oct 2020

- Built infrastructure-facing backend components on a platform team using Go, PHP, MySQL, and Kafka, working across distributed systems, service integrations, data flows, and production reliability.

**Earlier Experience** - Backend / Fullstack Developer

2017 - 2020

- Built payment and B2B loyalty services, Laravel REST APIs, open-source Logux PHP/Laravel adapters, and client web applications using PHP, Laravel, Symfony, MySQL, RabbitMQ, React.js, and Vue.js.

### PUBLIC WORK & OPEN SOURCE

- Interviewed by IT-World in May 2026 on TLS certificate lifecycle automation and certificate management as a security/reliability platform problem at scale; the article publicly discusses automation of roughly 2,000 TLS certificates.
- Open-source: [github.com/tweet9ra/logux-php](https://github.com/tweet9ra/logux-php) and [github.com/tweet9ra/logux-laravel](https://github.com/tweet9ra/logux-laravel).