

# Aleksandr Vysokov | Senior Backend Engineer

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Senior backend engineer with 7+ years of software development experience building production systems in Go, Java, and Python. Proven experience in distributed and event-driven systems, microservices, concurrency, Kubernetes, security, observability, and enterprise integrations. Takes complex backend work from design and implementation through migration, incident response, and sustained production operation.

## Core Skills

**Backend & Data:** Go, Java, Python, Spring Boot, Flask, microservices, REST, gRPC, SOAP, Kafka, Redis, PostgreSQL, MongoDB, concurrency

**Cloud & Platform:** AWS, Kubernetes operators, CRDs, admission webhooks, Helm, Docker, CI/CD, Terraform/HCL, Prometheus, Grafana

**Web & Integration:** React, TypeScript/JavaScript, Redux, OAuth2/OIDC, JWT/JWK, mTLS, X.509, Vault, Salesforce/SAP integrations

**AI & Tooling:** LLM-powered development agents, LLM integration, MCP tools, reusable agentic workflows, Claude Code, OpenAI Codex, Cursor

## Experience

**SAP** **Raanana, Israel**  
*Senior Backend Engineer* *Jul 2024 – Jul 2026*

- Designed and engineered event-driven synchronization for 4M+ cloud tenant resources, taking it from architecture and correctness through production deployment and operation.
- Built crash-resilient Go migration tooling with concurrent workers, Redis-backed checkpointing, automatic credential renewal, self-monitoring, and adaptive throttling.
- Cut projected event-backlog processing from eight weeks to six hours through phased execution, event collapsing, and deletion-aware filtering.
- Led a large-scale production migration under a hard deadline, coordinating work across six teams on upstream fixes, downstream issues, platform changes, capacity planning, and rollout readiness.
- Added Kubernetes-native reliability and governance features, Prometheus and Grafana production metrics, and automated tests for Go/Kubernetes behavior.
- Built an LLM-powered development agent with MCP tools that validates changes against real platform environments and produces review-ready results; used Claude Code, OpenAI Codex, and Cursor as development tools.

**Check Point Software Technologies** **Tel Aviv, Israel**  
*Full-Stack Developer* *Feb 2023 – Mar 2024*

- Delivered Spring Boot and React features for an AWS-hosted global partner platform integrating Salesforce CRM and SAP systems.
- Enforced role-based backend data access and centralized service credentials with HashiCorp Vault.
- Led feature delivery across business, UX, QA, and engineering stakeholders, contributing to a 50% increase in deal registrations.

**Inetex LTD** **Rehovot, Israel**  
*Full-Stack Developer* *Sep 2021 – Jan 2023*

- Built a Python Flask backend integrating OCR with an on-premises LLM for private document processing.
- Built Java Spring Boot and MongoDB microservices supporting job-search and candidate-matching workflows.

**Bank Iturup** **Yuzhno-Sakhalinsk, Russia**  
*Backend Developer* *Mar 2019 – Dec 2021*

- Developed an event-driven credit-bureau integration with Java, Spring Boot, Kafka, PostgreSQL, SOAP, and mutual TLS.
- Built and owned a mortgage decision engine and internal portal through production delivery in a regulated bank.

**VIT** **Yuzhno-Sakhalinsk, Russia**  
*System Engineer* *May 2013 – Feb 2019*

- Enterprise infrastructure, availability, incident response, access control, backups, networks, and user support.

## Education & Languages

**Education:** B.S. in Computer Science, Far Eastern Federal University, 2007 – 2012

**Languages:** Russian (native), English (fluent), Hebrew (conversational)