

Professional Summary

Tech Lead and Senior Backend Engineer with a rare combination of deep technical expertise and strong business background. I take full ownership of product delivery — from architecture decisions and system stability to hiring, mentoring and prioritization. With nearly two decades of experience across business and high-tech, I understand how engineering choices translate into financial outcomes.

Employment History

Jane, Israel, Jun 2023 to Present
Tech Lead

Strategic Contributions

- Technical owner of backend domain in a high-load e-commerce platform
- Initiated and led large-scale legacy modernization (~90% of codebase)
- Delivered 4x growth in monetized functionality
- Achieved 5x reduction in DB utilization via architectural redesign
- Optimized infrastructure spending under strict budget constraints

Platform Engineering

- Introduced Redis-based distributed caching and invalidation strategy
- Implemented event-driven flows with SNS/SQS
- Designed async communication via WebSockets
- Built internal analytics replication layer (PostHog -> internal DB)

DevOps & Cloud

- Terraform adoption project lead
- AWS environments ownership (ECR, ECS, RDS, S3, ElastiCache, EventBridge, SES, CloudWatch and so on)
- CI/CD via GitHub Actions

Team Growth

- Mentored junior engineers
- Managed remote cross-functional teams (BE, FE, DevOps, SecOps) in 4 countries

Monkeytech, Israel, May 2021 to May 2023
Senior Python developer

Backend & Fullstack Development with Python (Django, Flask) and Node.js in production environments

Invento Labs, Belarus, Mar 2020 to Apr 2021
Python developer

Production Python backends for Belarusian clients: warehouse rental (B2C/B2B), a medical registry for children, and a paid customs service with thousands of pre-submit validation checks on goods and vehicle declarations

Itransition Group, Belarus, Jun 2017 to Mar 2020
Python developer

Production Python backends for US clients — robot maintenance (work orders, parts, invoicing) and furniture e-commerce (catalog, stock, checkout, order pipeline); integrations and PostgreSQL

Jul 2007 to May 2017
Business owner & Investment Director

Education

Sept 2006 to May 2010

Bachelor's degree from Belorussian university (applied Computer Science), graduated with honors
Advanced software engineering skills developed through independent learning and leading production systems

Links

vitalyweb.com

Core Competencies

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| • Backend Architecture & System Design | • High-Load & Performance Optimization | • Distributed Systems & Async Processing | • Cloud Infrastructure (AWS) |
| • Security & Compliance (Healthcare-grade standards) | • Technical Leadership & Mentorship | • Hiring & Team Development | • Product Ownership & Prioritization |
| • Cost Optimization & Infrastructure Efficiency | • Cross-functional Collaboration | • Release & Delivery Responsibility | |