

Dmitry Lukashin

Senior Software Engineer | Technical Leader

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Software engineer and technical leader with 15+ years across startups and industry-leading companies (Amazon, NVIDIA). Founder of a web agency with 15 on-site employees.

I specialize in creating high-load solutions with distributed systems, cloud infrastructure, and big data platforms. I have taught on-site courses at an university in Barcelona, mentored engineering teams at startups and mid-size companies.

I'm motivated by innovation, mentorship, and delivering business-critical systems at scale.

Skills

- ✓ Go, Python, Java, Kotlin, JavaScript / TypeScript, PHP, Bash
- ✓ Kubernetes, ECS, Terraform, Helm, Ansible
- ✓ AWS stack, API Gateway, Istio, Cloudfront, Media Services
- ✓ Cloudwatch, ELK, Prometheus, Grafana
- ✓ Redshift, DynamoDB, MongoDB, Postgres, MySQL, Elasticsearch
- ✓ ETL pipelines, Kinesis, Airflow
- ✓ Redis, Kafka, RabbitMQ, SQS, SNS
- ✓ CI/CD: GitlabCI, Jenkins

Experience

Infrastructure Advisor

Mar 2023 – Present

Self employed

- Consulted for 10+ startups, helping to build from scratch or optimize existing cloud infrastructure, big data pipelines, and high-scale distributed systems
- Conducted architectural audits to identify performance bottlenecks, achieving 30-50% reduction in latency for data-intensive applications.
- Provided mentorship and training for engineering teams, sharing best practices in cloud architecture, DevOps, and infrastructure scaling.

Amazon Mexico

Sep 2020 – Dec 2022

Senior Software Engineer

2 years 3 months

- Developed and launched a platform to expand Amazon's and 3rd party electronic goods to Mexican and Brazilian marketplaces. The system relies on cross-region data storage and synchronization. Scalable infrastructure maintains 99.99% uptime during peak events.
- Developed metrics, SLAs, runbooks, and supporting documentation for on-call and partner teams
- Led cross-functional collaboration across 10+ teams, including Accounting, Fraud Prevention, Payments, Orders, and Retail website components, to ensure synchronized product delivery and operational excellence.
- Initiated and implemented Amazon Mexico meetups (Tech Huddle) program for offline events to build a local technical community around Amazon Mexico brand.
- Applied Agile methodologies for cross-team alignment and timely roadmap execution.
- Mentored junior engineers and contributed to raising the engineering bar across the Mexico office.

NVIDIA

Feb 2018 – Aug 2020

Senior System Software Engineer

2 years 6 months

Designed from scratch a platform that reinvented automation and performance testing in gaming development with ML and computer vision approach. The solution decreased manual QA time by 95%.

- Designed an event-driven architecture for the platform core and 10 sub-services, which span 3 Kubernetes clusters and a farm of desktop machines

- Designed distributed storage schema for persisting and querying billions of data points. Built ETL pipelines for the raw performance data indexing and processing. Pipelines generated heat-maps, insights, and regression/delta reports applied to the games maps as the layers.
- Developed core services: auto-scaled REST API, Geo API for the games maps, Authentication, Dashboard UI
- Built AWS infrastructure: Terraform, EKS, RDS, DynamoDB, Media Services, Cloudfront / API Gateway / LBs, Lambda
- Trained the team to use the SCRUM approach, SOLID principles, 12 Factor app approach

Technologies: Python, Go, C++, TensorFlow, Kubernetes, AWS

Invest.com

Software Engineering Manager

Feb 2016 – Feb 2018

2 years

Led a development team working on the currency trading and portfolio management platform.

- Implemented Agile approach to development and decision-making
- Led adoption of continuous integration/deployment
- Led integration of the payment processing compliant with the security and regulatory requirements. The service processed \$2-3 million USD monthly
- Re-invented data storage design for the CRM leading up to 300% performance gain
- Implemented new approach to the development environment and CI/CD pipelines for AWS deployments

TetraWeb

Founder / CEO

Mar 2008 – Feb 2016

8 years

I have built a digital agency from scratch. The company had grown from 1 up to 15 on-site employees.

- Built Engineering, Digital Marketing, and Sales departments. Established departments' strategies, quality standards, and KPIs.
- Created online advertising strategies for over 60 customers
- Acted as a Product Owner on the customer's behalf for over 20 projects
- Developed onboarding courses for the new employees
- Organized the marketing activities, representing the company booth at the conferences, increasing sales by up to 200%
- Personally led mid-sized and big projects, working with the executives of CEO/CTO and VP level

Most of the projects were in the e-commerce and ERP systems domain, for the customers operating in the manufacturing, retail, and wholesale industries.

Activities

Harbour.Space University (Spain)

Guest Lecturer

2025, 2021, 2019

- Designed and delivered an intensive 3-week course on Modern Software Architecture, covering topics such as scalable microservices, cloud computing, big data, and high-load infrastructure.
- Developed a curriculum that implements industry best practices, drawing from my experience at Amazon and NVIDIA.
- Conducted hands-on workshops and project-based learning to help students apply theoretical concepts in real-world settings

Education

BS, Financial Management, International Institute of Economics and Law (Moscow, Russia)
'2019