

# Dmitry Lukashin

## Technology Leader

Mexico City, Mexico  
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With over 15 years of experience and a strong technical foundation, I am a skilled leader with a proven track record of success. I am a founder of a digital agency that provided services in development, online advertising, and sales, which I led for 8 years. I also worked in engineering roles at NVIDIA and Amazon.

I am passionate about building and growing teams, and am committed to creating a positive and challenging work environment, that is guided by data-driven decisions.

I have a track record of giving on-site courses at a university in Barcelona, yet speaking at meet-ups and bigger events.

I am motivated by working with cross-functional teams, encouraging innovation, personal growth, and finding efficient solutions to business and technical challenges.

## Technical Stack

- ✓ Go, Python, Java, JavaScript / TypeScript, PHP
- ✓ Kubernetes, AWS ECS
- ✓ AWS stack
- ✓ MySQL, Postgres, Redshift, DynamoDB
- ✓ RabbitMQ, Kafka, SQS, SNS, Redis
- ✓ ELK, Fluentd, Prometheus, Grafana
- ✓ CI/CD pipelines: GitlabCI, Jenkins

## Professional Experience

### Amazon (Mexico) Software Engineer

**Sep 2020 – Present**  
2 years 2 months

I worked on expanding digital products selection to Mexican and Brazilian marketplaces. I closely collaborate with some 10 teams owning various components of the product, including Accounting, Fraud, Payments, and components of the retail website.

As a side activity, I have built a program for offline events with the purpose of building a local technical community around the Amazon Mexico brand.

### Harbour.Space University (Barcelona, Spain) Guest Lecturer

**Dec 2021**  
**Mar 2019**  
3 weeks

Lecturer profile: <https://harbour.space/faculty/dmitry-lukashin>

I gave two onsite courses on Modern Web Development at Harbour.Space University in Barcelona campus. The courses are 3 weeks long, consisting of 15 lectures and workshops.

### NVIDIA (Russia) Senior System Software Engineer

**Feb 2018 – Aug 2020**  
2 years 6 months

I designed from scratch a platform that reinvented automation and performance testing in gaming development with ML and computer vision approach. The solution decreased routine manual testing time to nearly 0.

- 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.

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- 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 (Israel)**  
**Software Engineering Manager**

**Feb 2016 – Feb 2018**  
**2 years**

I 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. 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 (Russia)**  
**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. I 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 the 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.

## **Education**

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