

SERGEY KOVALEV

Hands-on solution architect and CTO with 15+ years of experience in enterprise and international startups.

Building prototypes, teams and products.

AI first solutions

www.skaska.pro

CORE QUALIFICATIONS

CTO
Solution architect
Tech Lead

INFRASTRUCTURE

kubernetes, terraform, pulumi,
azure, gitops

DATA

kafka, datalake, deltalake, spark

IoT

edge/fog/cloud, MQTT, real time
stream processing, video streams

PRIMARY STACK

.net, c#, K2/camunda,
angular/react, SQL/NoSQL

AI/ML

LLM, deeplearning, python

COMMON PRACTICES

CI/CD, design patterns, API,
scalability, jira, git, agile/scrum

EDUCATION

State University of Management
Moscow, Russia
BS, Economics, Cybernetics
1995 – 1999
Ph.D., Cybernetics
1999 – 2002

CONTACTS & SOCIAL

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<https://t.me/Sergey0Kovalev>
<https://skaska.pro>

Levvr – Head of software development, Solution Architect

<https://levvr.io>

August 2021 – Present, Netherlands, remote

Company: SaaS startup, project management for construction industry

Role: architecture and development processes optimization for scalability

Stack: #neo4j, #cosmosdb, #azure, #.net, #dapr, #gitops, #kubernetes

Dlimi.Datalyze - Big Data Architect

November 2021 – December 2023, Denmark, remote

Company: marketing and sales data aggregator

Roles: transforming legacy Oracle based solution into cloud one. Streaming pipelines, delta lake and medallion architecture design and implementation.

Stack: #azure, #python, #spark, #databricks, #deltalake, #datalake, #kafka, #qlik #.net, #vue

Detego – Tech Architect

<https://detego.com>

March 2021 – May 2022, Moscow

Company: SaaS solution for RFID Supply Chain (global clients)

Role: migration to cloud, big data pipelines and storage optimization, IIoT streams processing architecture

Stack: #azure #kubernetes #docker #.net #cassandra #IoT #lambda-architecture #datalake #databricks
#camunda #react

Vympel Russia – CTO, Team Lead

<http://vympel-russia.ru>

September 2019 – December 2020, Moscow

Company: SaaS startup Realtime Location System (indoor/outdoor). Containerized solution for both cloud and on premise deployment. Custom hardware and algorithms (classic particle filters, ML and NN/DLL).

Stack: #azure #kubernetes #docker #neuralnets #.net #angular #IoT #lambda-architecture #clickhouse
#camunda

Freelance/Consulting - Solution Architect, Interim CTO

Areas: project and codebase audit, solution and cloud architecture review, solution to cloud migration, enterprise blockchain in supply chain (hyperledger fabric, enterprise ethereum), business process management solutions (k2, camunda)

TotalSynchronicity - Solutions Architect, K2 Expert

September 2016 – December 2018, USA, Remote

Company: SaaS startup, operational management for general contractors

Role: Solution architecture design and prototyping. Leading K2 BPMS implementation.

Stack: #azure #k2 #quickbooks #cosmosDB #.net #xm8 #Dynamics #neo4j #ETL

Dron Alert – Founder, Solutions Architect

May 2018 - July 2018

System: Hardware and SaaS startup for monitoring of man-operated drones by analyzing Wi-Fi spectrum.

Role: Solution architecture design and full-stack prototype. Locating algorithms for real-time

Stack: #IIoT #edge #neural-nets #LSTM #saas #azure #angular #stream-processing

I-cube solutions – Founder, CEO, Solutions Architect

November 2006 - October 2016, Moscow, Russian Federation

<https://www.i3s.ru> full cycle of BPMS services

Clients: Major local and international clients LUKOIL, RUSAL, Deloitte, Sanofi-Aventis, Rusagrotrans, GFK

Stack: #.net #c# #asp.net #asp.net mvc #k2 #sharepoint #azure #js #angular #jquery #SAP

BrightPattern – Business Development Director (Russia and CIS)

<https://www.brightpattern.com/>

September 20011 - April 2012, USA, Russian Federation

Company: international startup. Cloud call-centers (SaaS).

CBS inform - Product owner, CTO

January 2011 - April 2011, Moscow, Russian Federation

Project: Proprietary on-premise ERP adoption for multitenant mass-market cloud SaaS

Roles: Product owner and tech lead. CI/CD. Mass-market product and strategy from ground up.

Stack: #java #eclipse-plugins #postgresql #bamboo

Aegis Group plc - Strategy Consultant

September 2005 - April 2006, Moscow, Russian Federation

Komandarm (OKS/Aegis group) - Media Research Director

December 2004 - September 2005, Moscow, Russian Federation

Media Direction - Head of Forecast and Modeling Unit

February 2003 - November 2004 Moscow, Russian Federation

Comcon-2 – BI, Analyst, Project Manager

August 2002 - February 2003 Moscow, Russian Federation