Oleksii(Alex) Koval | Full Stack Developer +DevOps

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Synopsys

o Developer (Full Stack) / DevOps / Team Lead / Software Architect

Areas of expertise

o Web sites & services development
  - Education (LTI enablement)
  - E-commerce (trade aggregators, e-commerce shops)
  - DevOps

Skills

o Languages: **Python**, Javascript, Typescript, Clojure, Clojurescript
o Frameworks: **Django** (python), NestJS (TS), FastAPI (python), Kit (clj), ReFrame (cljs)
o Databases: PostgreSQL, MySQL/MariaDB, Redis, MongoDB, …
o DevOps:
  - Cloud providers: AWS, Google Cloud, Azure, Linode, Digital Ocean
  - Technologies & Tools: Docker, k8s, Ansible, OpenStack, Openshift
o Frontend: CSS, Bulma CSS, Bootstrap, Tailwind

Employment (recent 10 years)

Labster   remote

Full Stack Developer, DevOps   *Mar 2016 – Oct 2023*

DevOps: Terraform, k8s, Drone CI/CD, Docker. Python: Django (PostgreSQL, DRF). Javascript/TypeScript (NestJS, vuejs, MongoDB).

UA2WEB   **Kharkiv**

Owner, CTO, Team Lead   *Mar 2011 – Present*

Software Development & Consulting in Ukraine and worldwide.

Cupermind   **Kharkiv**
DevOps, Co-founder   *Dec 2015 – Jan 2021*
DevOps as-a-service - architecture, consulting, implementation.

HoneyPrice   **Kharkiv**
Team Lead, CTO   *Jan 2018 – Jan 2021*
Work with startup: DevOps, TeamLead, Web development.

Halogen Development Group   **Kharkiv**
Owner, CTO, Team Lead   *Jan 2003 – Mar 2011*
Software Development & Consulting.

Education

○ 1990..1992 Kharkiv state Electrical and Radio colledge

Projects involvement history

Labster.com (2016 - 2023)

I joined the company as a *DevOps* but very soon also took an active role
as a *Backend Developer*. We were developing LTI-enabled Immersive STEM
Learning platform, and my primary job was everything related to building
a proper integration layer between Unity player, students (as users) and
university LMS systems. We have configured a docker-compose based devel-
opment environment, CI/CD (CircleCI, Drone, GitOps: FluxCD), developed
a set of applications using Python, Django, and PostgreSQL as main database,
and deployed it using Terraform to AWS. We migrated from EC2 servers to
a full AWS IaC solution on the Kubernetes platform, completed integration
with various educational providers (Moodle, Blackboard, Canvas, OpenEdx)
using LTI and directly (Google Classroom, Classlink, Clever). Later on, I was
involved in Labster Portal - a new microservice application on TypeScript,
NestJS, VueJS (Quasar).

Cupermind (2015 - 2021)

Together with friends, we made a startup company to provide DevOps-as-
a-Service to a wide range of organizations. I've been involved as a Sales
manager, HR, and DevOps. We have been providing this service for 6 years,
to various organizations. My personal DevOps experience during this time
includes managing OpenStack, and OpenShift and working with OVH, Het-
zner, DO, Linode, AWS, Microsoft Azure, and Google cloud platforms.

HoneyPrice (2018 - now)

As a CTO of UA2WEB, I was *Team Lead* for a startup project **HoneyPrice** a price aggregator on the honey market. Initially, this project was released in Ukraine and expanded to the German market a few years later. I've been leading all project development from scratch, involved in hiring and managing developers, negotiations with business owners, and continued project support. The project is built on Python (Django), PostgreSQL, ElasticSearch, and Celery.

Yakava (2017 - now)

Custom Django based e-commerce solution for small business. My role: Team Lead. Technology: Django, PostgreSQL, Ansible. Hosted on: Digital Ocean.

Chalkface (2013 - now)

In-house developed e-commerce shop solution with complex back office (to pay authors royalty fees, B2B printing offices documentation, etc). I've been leading all development as a *Team Lead*.

Yacapaca (2010 - 2023)

Startup educational online assesment system, which involved millions of students (primary in UK). My roles: *CTO, Team Lead, DevOps, Backend developer*. Technology: Python (Django), MySQL, Celery, MongoDB, Ansible, VPS, Linode.

My wishes

I would like to be useful to the company and utilize a larger set of my current skills.