



Oleksandr Ivanitskyy

SENIOR SOFTWARE
ENGINEER | CLOUD
ARCHITECTURE | EVENT-
DRIVEN SYSTEMS | EX-
AMAZON EX-NEXTHINK |
AWS CERTIFIED

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MY LINKS

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Languages

Spanish



English



Ukrainian



About me

Full-cycle developer: from feature to pipeline. I have worked in product teams where responsibility does not end at the PR. It also includes the infrastructure that supports it, the deployment flows and the engineering culture that makes it all scale. I have experience working with **event-driven architectures** using **Kafka**, as well as with large-scale data import and export pipelines: format conversion and distribution to destinations such as **S3**, **Azure Blob Storage**, **SFTP** and the like. Focused strictly on robust, backend-driven data integration and **high-throughput microservices** communication, ensuring **zero-loss** and **low-latency** delivery between distributed systems. Recently I have deepened my expertise in identity and access: **OIDC** and **OAuth** protocols, permission management with **RBAC/IAM**, and integrations with providers such as **Okta**, **Auth0** and **Cognito**, including **SSO**, social login and federation with Google, Microsoft and similar accounts. I bring experience in cloud environments (**AWS**), **Kubernetes**, **GitOps** and **CI/CD** automation, combined with the product vision needed to prioritize what really matters.

My skills



Adaptability to change



Analytical thinking



Continuous learning

My best practices

In my daily work I apply **hexagonal architecture** and **Domain-Driven Design**, organizing the code into isolated contexts, which ensures that the business logic has no external dependencies. Contexts communicate exclusively through message buses (**Query Bus**, **Command Bus**), avoiding direct coupling. For error handling I apply the **Result Type** pattern instead of exceptions. Regarding testing, I follow a three-layer strategy: **unit tests** on use cases with mocked infrastructure, **integration tests** against real services without mocking, and **acceptance tests** that validate functionality **E2E**. My motto is **ONLY tests that add value**, with judgment. Having 100% coverage won't save you from bugs.

Technologies and tools

I MASTER

AWS / Docker / Git / Golang / Google Cloud / Java / Jenkins / Kafka / Kubernetes / Linux /
NodeJS / TypeScript



Nextthink

Software Engineer IV - ARM team

ene 2025 — TODAY (1 year and 10 months)

Part of the **Access Right Management (ARM)** team, responsible for designing, implementing and maintaining the platform's authentication and authorization systems.

- Designed and refactored core authorization services applying **Hexagonal Architecture** and **Domain-Driven Design (DDD)** to isolate domain logic and decouple contexts via Command and Query buses
- Integration with customer IDPs via **SAML, OAuth 2.0 and OpenID Connect**
- Experience with **Auth0, AWS Cognito, Keycloak** and **Okta** for identity federation and SSO
- Management of identity lifecycles, access policies and secure user provisioning
- Infrastructure on **AWS** with **Kubernetes** and GitOps practices

TECHNOLOGIES AND TOOLS

Kubernetes / AWS IAM / Auth0



Nextthink

Software Engineer IV - Data Export team

sept 2023 — ene 2025 (1 year and 5 months)

Part of the **Data Export** team, responsible for designing and implementing solutions within a microservices architecture.

- Migration of 30+ microservices from **Jenkins to ArgoCD**, defining the team's **CI/CD** practices
- Large-scale data export management to customer storage solutions (**SFTP, HTTP, S3, Azure Data Lake**)
- Use of **Apache Kafka** and **SQS** for efficient data flow between services
- Development and integration in **AWS** environments with a microservices architecture

TECHNOLOGIES AND TOOLS

Kubernetes / Kafka / Amazon SQS / Argo CD



Glovo

Software Engineer II

oct 2021 — sept 2023 (2 years)

Part of the **Product Enrichment** team within the Content cluster, focused on enriching product information to increase customer confidence in their purchasing decisions.

- Migration from a **monolith to microservices** architecture applying **Hexagonal Architecture** and **Domain-Driven Design (DDD)**, improving system scalability and maintainability
- Implementation of support for **multi-image products**, expanding the visual information available to customers
- Unification of the Glovo catalog and products into a **single, highly optimized GraphQL API**, reducing latency to a minimum and streamlining client-side integrations
- Collection and integration of additional product information (extra images, nutritional data) for partners

TECHNOLOGIES AND TOOLS

Spring / GraphQL / Terraform / Github Actions



Amazon

Software Development Engineer I

jul 2020 — oct 2021 (1 year and 4 months)

Part of the **Amazon Business - Guided Buying** team, responsible for developing features for B2B customers, allowing them to create preferred catalogs and apply restrictions on the Amazon catalog.

- Migration of the storage system to **Apache Parquet**, achieving a **90% reduction in compute costs**
- Development of a **recommendation engine** based on previous purchases to generate baskets of recurring purchase items
- Implementation of restrictions and locks by seller, category or brand to guide buyers toward the most suitable products according to company policy

TECHNOLOGIES AND TOOLS

AWS / AWS Lambda / Spark / DynamoDB



Ericsson

Software engineer (DevOps area)

sept 2019 — jun 2020 (10 months)

Part of the **Continuous Integration** team, contributing to the automation and optimization of software development and delivery processes.

- Design and configuration of **Jenkins pipelines** to automate build, test and deployment workflows
- Development of **Python scripts** to improve automation, testing and deployment tasks
- Creation of **Dockerfiles** for application containerization, ensuring consistent environments across development, testing and production
- Administration of **Kubernetes** clusters, ensuring stability, scalability and security for development teams

TECHNOLOGIES AND TOOLS

Jenkins / Docker / Terraform / Helm



Research intern in telematics engineering

jul 2017 — jun 2019 (2 years)

Internship focused on **Software-Defined Networking (SDN)** and **Network Functions Virtualization (NFV)** technologies.

- Development of applications within the **ONOS** (Open Network Operating System) framework for orchestration and automation of network resources
- Design and implementation of features to improve network performance, scalability and reliability
- Collaboration with senior engineers on network service orchestration projects

EDUCATION/DEGREES

Degrees



Universitat Oberta de Catalunya

Master's in Computer Engineering

feb 2021 — jun 2024 (3 years and 5 months)



Universidad Carlos III de Madrid

Bachelor's in Telecommunications Technologies Engineering (Bilingual ESP/ENG)

ene 2014 — ene 2019 (5 years and 1 month)



Aristotle University of Thessaloniki (AUTH)

Bachelor's in Telecommunications Technologies

sept 2016 — ene 2017 (5 months)

ERASMUS stay

Certificates



HashiCorp Certified: Terraform Associate (004)

Issued by: IBM Professional Certification
oct 2026 — TODAY



AWS Certified Solutions Architect – Associate

Issued by: AWS
dic 2025 — TODAY (11 months)



Programming with Google Go

Issued by: University of California, Irvine
nov 2024 — TODAY (2 years)

