



# OLEKSANDR KOVAL

Senior Back-end developer

## My Contact

✉ alexsanyakoval@gmail.com

☎ +593 98 446 59 08

📍 Quito, Ecuador

🌐 [linkedin.com/in/kovalas/](https://www.linkedin.com/in/kovalas/)

🌐 [github.com/alexsanya](https://github.com/alexsanya)

## Professional experience

- JavaScript
- TypeScript
- NodeJS
- NextJS
- Amazon Cloud services(SQS, Lambdas, EKS, SES)
- Git
- Azure Cloud services(CosmosDB, Function app, App services)
- Kubernetes
- Auth0
- Solana blockchain
- Decentralized Applications
- Docker
- MongoDB
- Contentstack

## Amateur experience

- ReactJS, redux, mobx
- Python3
- Flask, FastAPI
- Data analysis and data visualization (pandas, numpy, seaborn, matplotlib)
- Neural networks (keras)
- Solidity

## Soft Skills

- Professional communication in English
- Direct communication with clients
- Business logic analysis, requirements clarification and choosing right technologies
- Experience been a project-lead and a manager in a small team

## About Me

I'm Ukrainian who lives in Ecuador since September 2021. Passionate software engineer with over 8 years of experience with JS stack. During my career I worked for several international companies and startups – some was product and others service oriented.

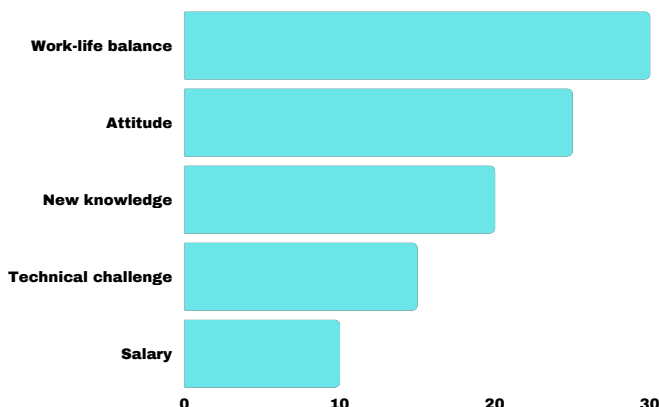
## Looking for

Large-scale tasks like development of a new systems or scaling/deep refactoring of existing ones, non-trivial solutions, modern stack, strong team of developers.

## Prefer to avoid

Maintenance of legacy systems, full-time bug-fixing, exotic technology stack, lack of documentation and domain knowledge due to staff rotation

## My priorities



## My hobbies

Paragliding, climbing, traveling, FPV-drones, motorcycles

## Recent employment history

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### **Aldrin Group Limited (Remote) | Backend developer**

5/2022 – 10/2022

Key responsibilities:

- Integration between Solana smart contracts and frontend, integration with external APIs
- Developed a service that performs scheduled buybacks of Aldrin token, adds harvest and updates harvest period for farming smart-contract

Technologies: **Solana / DeFi / Smart contracts / Blockchain**

### **InfrontX (Remote) – Energy aspects client | Lead developer**

9/2021 – 5/2022

Key responsibilities:

- Deep refactoring and scalability of existing mail notification system
- Developed email-notification system that collects data from Contentstack, applies proper template and sends it to selected group of recipients via SES
- Made an integration with web portal written on NextJS
- Integration with mail tracking system
- Developed service for real-time PDF-document rendering from web-view

Technologies: **node.js / NextJS / AWS / puppeteer**

### **InfrontX (Remote) – British Telecom client | Backend developer**

11/2020 – 9/2021

Key responsibilities:

- Created lottery-winner selection system for British Telecom – high-load data aggregation from web widgets and data processing
- Developed distributed system to collect data from web widgets and stream it to MongoDB with speed of 3K records per second
- Developed algorithm to quickly choose single winner out of 10M records, made a proper data structure to optimize performance
- Developed randomization algorithm for choosing random winner
- More details in my articles on Medium: <https://medium.com/@alexsanyakoval>

Technologies: **Node.js / MongoDB / kubernetes / AWS**

### **InfrontX (Remote) – Chelsea client | Backend developer**

11/2018 – 11/2020

Key responsibilities:

Development and maintenance of micro-services for mobile application

Technologies: **NodeJS / TypeScript / MongoDB / AWS lambda**

### **Agoda (Bangkok) | Frontend developer**

2017 – 2018

Key responsibilities:

Development of UI interfaces for new services using ReactJS and TypeScript

Technologies: **ReactJS / TypeScript**

### **Powerhouse (Amsterdam) | Frontend developer**

2016 – 2017

Key responsibilities:

Development of UI interfaces to replace JSP pages with Angular 1.0

Technologies: **Angular 1.0 / Javascript**