



# Alexandr Ovsyannikov

## Software Developer

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### Education

**Bachelor of Computing and Data Science,**  
*Higher School of Economics University*  
09/2023 – present

**Bachelor of Information Technology,**  
*Murdoch University*  
09/2023 – present | Dubai, UAE

**Foundation Program,** *Murdoch University*  
09/2022 – 08/2023 | Dubai, UAE

### Certificates

- Meta Database Engineer [🔗](#)
- IBM Full Stack Software Developer [🔗](#)
- IBM Python Data Science [🔗](#)

### Self-Initiated Projects

#### Ethereum Messaging dApp

The goal of the learning project was to create a decentralised application. I have practised:

- Writing and testing Ethereum smart-contracts.
- Deploying smart-contract to the Testnet.
- Creating UI with ReactJS.
- Connecting UI to the Testnet blockchain.

#### Full Stack Web Application

I am working on a web application to educate people about environmental problems. At this point, I have created the following:

- UI with Chakra UI, ReactJS, and NextJS.
- REST API to load the web-content dynamically.
- An authorization API server.
- A micro-service for email verification, which listens to a RabbitMQ message broker.
- An API to create blog posts for application updates.

### Skills

#### Backend Development

Python, Flask, Django, MySQL, Docker, REST APIs, Serverless, RabbitMQ, JWT

#### Frontend Development

HTML, CSS, JavaScript, ReactJS, Chakra UI, NextJS

#### Blockchain Development

Solidity, JavaScript

#### Data Analytics

Python, Pandas, NumPy

### Professional Freelancing Experience as a Software Developer

#### Project 1. (Python, MySQL, Flask, REST APIs)

During my contract-based work for a company selling goods on a marketplace I:

- Created an Information system to monitor sales and stocks.
- Designed a system to notify about unexpected price changes and negative customer reviews.
- Deployed the code on Linux VPS and set up an Apache server to run the system.

#### Project 2. (Python, Docker, Telegram Bot API)

The contract-based project with a company providing engineering services. The purpose was to create a Telegram bot to estimate the cost of work and simplify customer interactions. The project includes the following steps:

- Database design.
- "Contact Us" system development.
- User Verification.
- Cost calculation for eight types of work.
- Unit testing and Deploying on Linux VPS in a Docker container.