Olga Zvagolskaya (Zvagolya)

NFT Marketplace Contest

Project bluebumblebee.io
- playground https://dev.bluebumblebee.io
- production https://bluebumblebee.io

Country: Russia
City: Saint-Petersburg

Instagram profile:
@zvagolya
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Telegram:
@zvagolya

github
https://github.com/itgoldio/freeton-tip3-nft

TON Surf address:
0:4a1eace1b9fdee93bb96f60bd69e5a03e8955c5f14a34e7f094cd44bccd18a40

Hello everybody!

I am a winner of the Free TON Ambassador Contest and the Free TON NFT Jury Selection Contest. I live in Saint-Petersburg, Russia. NFT Marketplace is the 5th point of my Ambassador program. I am a lawyer and my specialization is IT-technology law. I own a legal business. Since 2015 I have been in the Art community. Since 2019 I own Art&City Space in the center of Saint-Petersburg (Liteinyi, 62), named THIRD PLACE (7000 sq.m.). Everyday nearly 1000 people go through my Art&City Space.
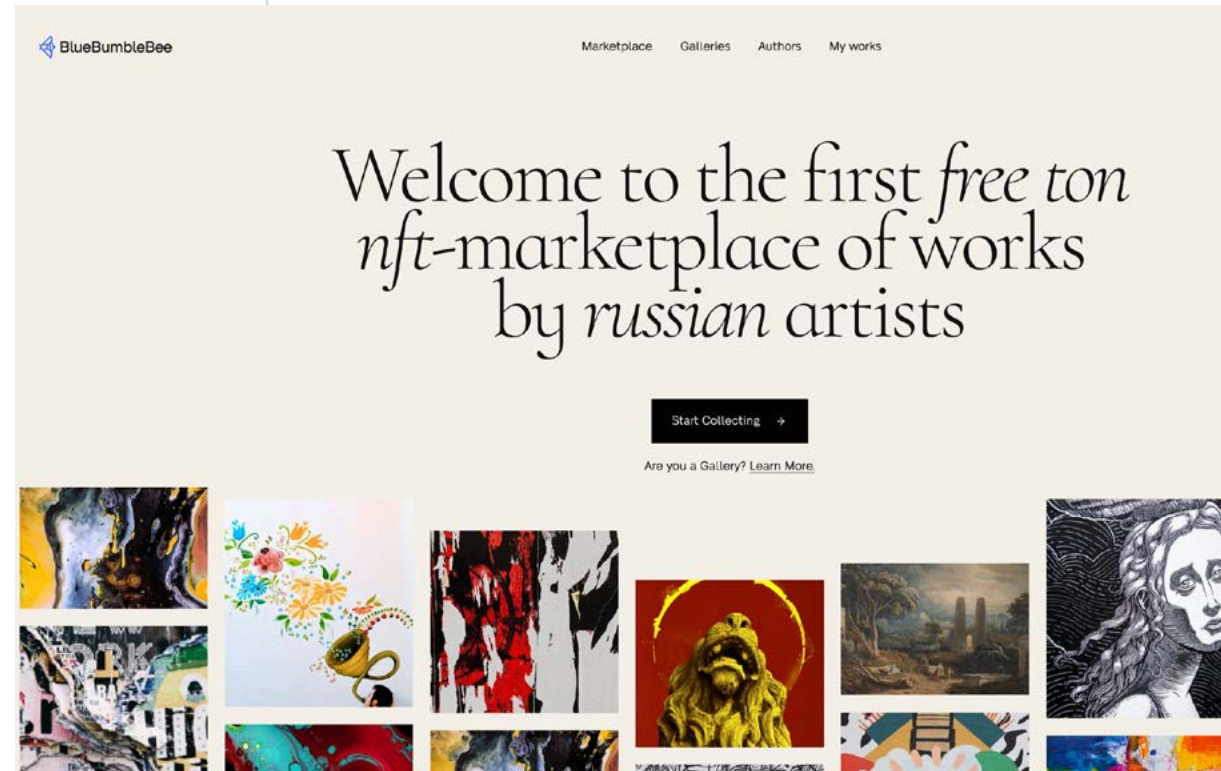
I learned about Free TON from my husband, who got sick with Free TON back in May, starting to participate in the validator contest (Magister Ludi). He is now a Free TON validator and activist. As the owner of the Third Place, getting interested in the idea of the first free-born blockchain, I want to combine blockchain technology with real-world use. Third Place now is the official Free TON Ambassador, and we keep moving on in advancing this technology.

Bluebumblebee.io
NFT marketplace concept

In accordance with the growing maturity of the Free TON project, I want to organize a Free TON marketplace by bringing together not only the leading galleries from St. Petersburg, Moscow and around the world, but also young artists at one platform under the catchy name of bluebumblebee.io. Alongside this, I am creating the Third Place crypto gallery, within which I will register digital art objects in Free TON blockchain and teach artists new opportunities for distributing art objects, to increase the value and relevance of Free TON blockchain.

Now I am proud to represent you the bluebumblebee.io project, created in collaboration with the ITGOLD.IO validators team.
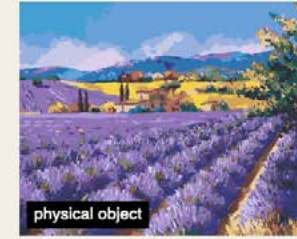
My spirit of NFT Ecosystem

NFT is the only way to make the Art market transparent and safe. In the world of counterfeiting, the NFT star has risen as a star of hope. In addition, artists, receiving royalties for the further resale of their work, received additional motivation to create masterpieces, because best mints will increase in value and the artist will receive eternal rewards. There are no losers here, this is the explanation why this technology took over the world. With the advantage of small fees Free TON NFT marketplaces will become a real alternative to Ethereum. I believe that bluebumblebee.io will be able to compete with https://niftygateway.com, https://opensea.io, https://rarible.com and so forth. I am sure that my oversight in Art and my lifestyle related to Art and technology will help me to build and curate a functional platform.
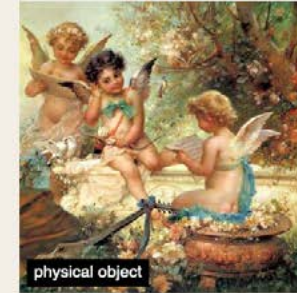
Artists & galleries

The undisputed advantage of bluebumblebee.io is the high level of the represented content. During my work on the NFT marketplace, I negotiated with leading galleries from St. Petersburg and Moscow and well-known artists. For bluebumblebee.io, it is important not only the number of art works, but first of all – their quality. We work closely with each of the gallery owners and artists and make personal connections with them. In this way, we all invest together in the future and create a genuinely significant product of a fundamentally new level and an impressive scale, combining art and contemporary technologies.

bluebumblebee.io shows a wide range of artworks of all kinds, both digital and physical arts. Videos, 3D graphics, ceramics, paintings and even street art are presented nearby, which is our distinctive feature and advantage.

physical object

Dmitriy Kouzma
Sample picture
Not for sale

physical object

Aleksand
Not for sale

physical object

Dmitriy Kouzma
Third picture
Not for sale

physical object

Dmitriy Kouzma
Another picture
Not for sale

Our strong competence

We have enough competence both in the field of contemporary technologies and in art. In October 2020, the magnificent THIRD PLACE ART FAIR took place in Art&City space Third Place and brought together galleries and artists from around the country. Thanks to our personal connections with authors and art managers, we succeeded in achieving an incredible scale and holding an art event of the top level. To create a great and functional NFT marketplace, for sure, you need to make a working website. But it is equally important to fill it with high-quality content, and we have all the resources for this!

Third Place crypto gallery

Along with the existing galleries, there will be the Third Place Crypto gallery. Its collection includes works of artists we cooperate with directly.

Website description

Taking into account the fact that we attract content providers far from blockchain technology, we developed our system to simplify interoperation, but at the same time not to keep the keys on our side.

Creation of NFTs (1 of 1) based on TIP-3 standart(s)

When placing work on the site, we create a smart contract with the NFT Root Collection type. This is a TIP 3 Root contract that is tasked with the deployment of NFT Item contracts.

Each NFT Item contract is unique and contains meta information and logics for distributing the reward from the token sale between:

- current token owner
- art work author
- gallery having exclusive rights to sell works from this author.

Contract management is possible only on behalf of the contract owner, but the contract owner can delegate this function (but not ownership) to another smart contract for a limited amount of time. This tool is necessary for the flexibility to sell or lease this smart NFT Item.

Catalogue of available NFTs

Each NFT Root contract places its own address into them when creating an NFT Item, thereby guaranteeing the uniqueness of the contracts (in the future, this address will be placed inside the contract code to get the uniqueness of the contract hash code).

Through graphql, we get a list of all the contracts that we have issued (or non-we, but knowing their hash code, we can trust them), and display it in the list. Each NFT Item contains information regarding whether it is currently for sale or not (whether the management right is delegated or not).

Knowing the hash code, we can determine what type of management contract it is (Auction, Direct Sale, Lease, or something else).

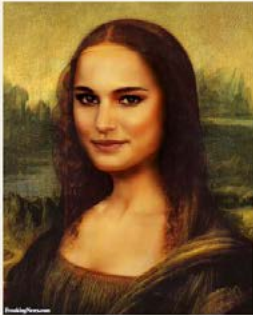# User profile (created NFTs, history of transactions etc)

Public registration is closed, since our users are galleries representatives. Registration goes by invite. When registering, we receive from the gallery's agent the address of his wallet and wallet address of each author. In the process of uploading the work, the gallery representative fills in the meta information about the work and author, and indicates the percentage of guaranteed payment from each transfer of the work between the owners.

Every owner change generates an event that keeps information about the event, knowing this, for each NFT Item, it is possible to get a history of its changes.

Admin panel

Almost all information is stored in the blockchain. The admin panel is used to invite users (galleries) and create accounts for them.

Buy/sell mechanics (fix price)

It is implemented using the TIP 3 standard.

Root Sell contract that issues Sell contracts.
Each Sell contract contains the following information:
- selling price
- amount of the marketplace commission
- address of the marketplace wallet for transferring the reward
- address of the NFT Item being sold
- NFT Item, management rights are delegated to this contract
- the duration, within which this contract is valid.

When funds are received equal to or exceeding the amount of transactions, the marketplace commission is removed and the method is called in NFT Item to transfer ownership rights of NFT Item to the wallet address of the payer. At the same time, NFT Item distributes the received reward between the author, the gallery and the previous owner.
After the sale is completed, the Sell can be erased. The creation of a Sell contract is performed when interacting with the debot. The owner of the NFT Item releases Sell and transfers control on it.
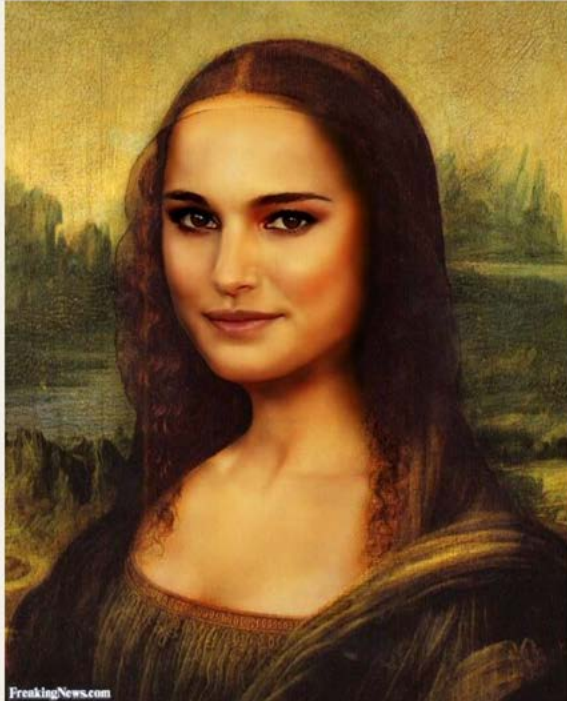
Auction mechanics

Similar to the buy/sell mechanics.

Root Auction releases Auction smart contracts, each contains the following information:
- auction period
- minimum price
- minimum step of changing the price
- the amount of the marketplace commission
- the address of the marketplace wallet for transferring the reward
- address of the NFT Item being sold.

Each subsequent bet returns the previous bet to its owner. Auction releases events when the price changes.
At the end of the auction, there are 3 days to call the method that will make the purchase of the NFT Item (if it is not committed, the ownership of the NFT Item will return to its owner).

Digital assets dump storage

All digital assets are stored on our servers.

Deboot

The following deboots are deployed:

- Placing an NFT Item for sale via Buy/sell mechanics
- Closing a Buy/sell mechanics contract
- Purchase via Buy/sell mechanics
- Placing an NFT Item for sale via Auction mechanics
- Bid for Auction mechanics

My art & technology anamnesis

My anamnesis is not very typical for an art figure. I am a lawyer by education, I am proud of my diploma from the Law Faculty of St. Petersburg State University (bachelor and master), for many years nurtured and cherished my legal firm https://zvagolya.ru. «But he, rebellious, asks for the storm, as if there is peace in the storm.» My soul craved high art, in which I found a storm, and interest, and a new round of self-realization.

With trepidation finished the Art history course, and away we go – the next step was graduating at the Masters school https://masters-project.ru/ru/ on art management faculty, and in general I felt that my heart responds most of all to contemporary art. This is how I found my specialization in the endless space of Art in general. Further – more. I realized that for contemporary art the question of life and death is its own exhibition space.
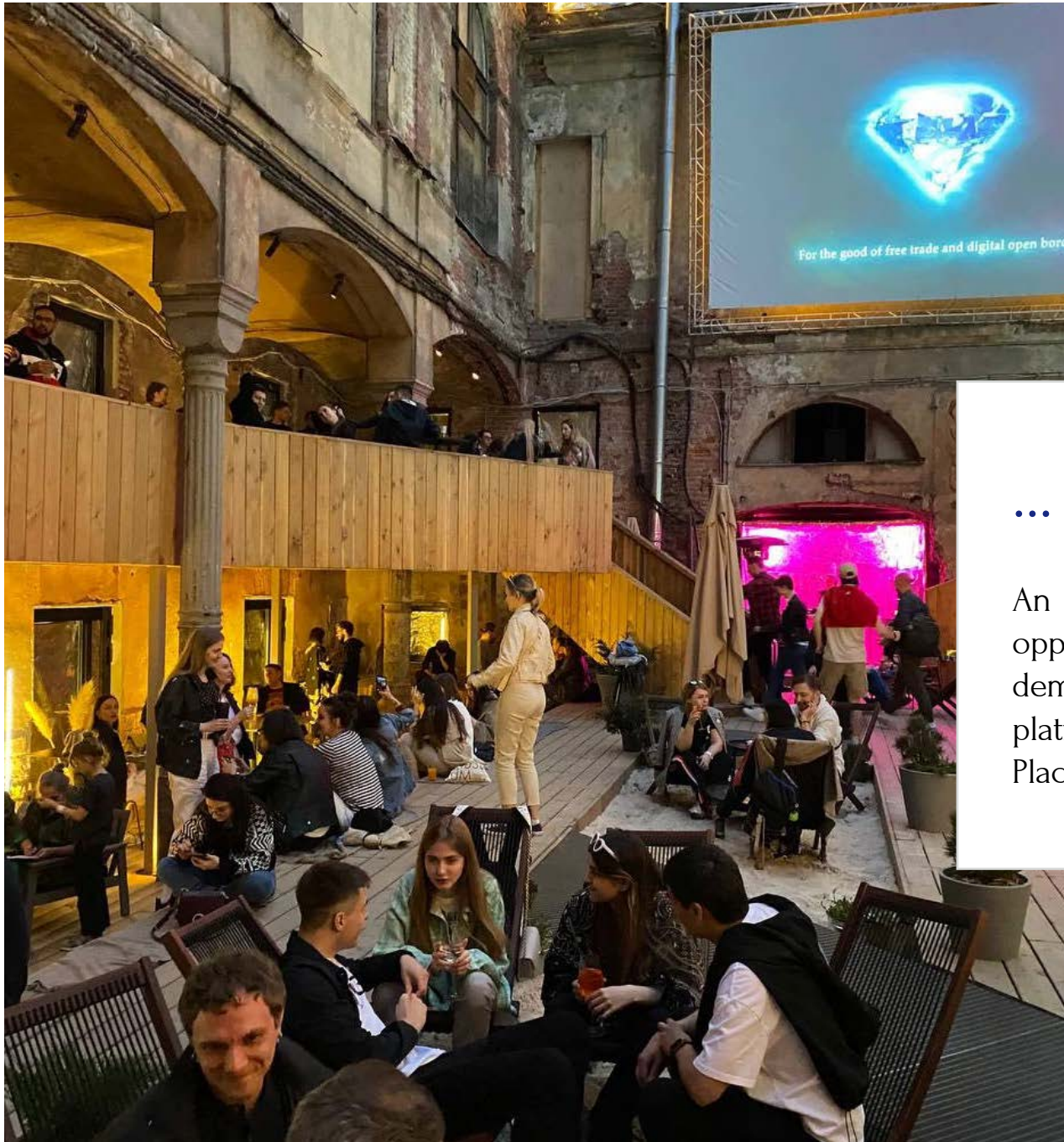
Third Place Project

Third Place is a unique Art&City space in the heart of St. Petersburg with an unusual concept and a special ambience, located in a historical building of the mid-XIX century.

In September, 2020 for the first time in a long period, we opened this space to the public. We have been constantly collaborating with artists and contemporary art is always presented in our yard with the slogan LET THERE BE ART, which literally welcomes guests with a neon sign.

Last season, the arch of Alina Glazun «STRASHNOVATO» was exhibited here, and became the hottest insta-point, and the graffiti of Evgenia Voronova was created in the courtyard. After reopening this year, artist Alexander Alkolove created a video for our space, which we demonstrate on the big screen daily, meanwhile underground artist Mikhail Balone draws graffiti in the arch right in front of the guests. By the way, both works this season are inspired by Free TON and present a visual impression of TON Crystal, depicting the triumph of TON Crystal cryptocurrency.
One of the goals of the Third Place is to familiarize residents and guests of the city with contemporary art and technologies. The most interesting thing is that the task of acquainting and educating the public in terms of perception of contemporary art is relevant to the task of promoting and acquainting ordinary people with modern technologies, namely Free TON.

Educational courses are being regularly held in Third Place, primarily devoted to contemporary art, and enlightenment with new technology greatly enriches and diversifies the educational program.

... and a special feature

An exclusively thing for our Marketplace is our opportunity to promote bluebumblebee.io and demonstrate our new NFT items coming to the platform on the huge screen at the yard of Third Place.