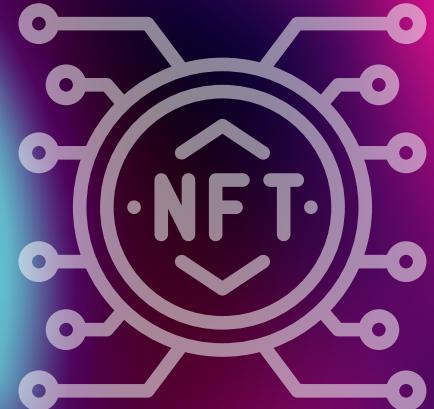




The Final Year Project



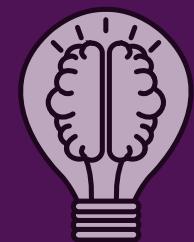
What is NFT?

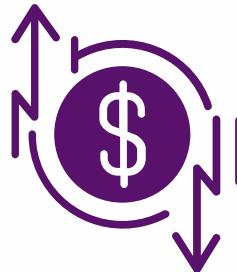
- NFT stands for non-fungible token. An NFT is a digital asset that represents real-world objects like art, music, in-game items and videos. They are bought and sold online, frequently with cryptocurrency, and they are generally encoded with the same underlying software as many cryptos.
- Although they've been around since 2014, NFTs are gaining notoriety now because they are becoming an increasingly popular way to buy and sell digital artwork. NFTs are also generally one of a kind, or at least one of a very limited run, and have unique identifying codes.

OBJECTIVE

MOTIVATION

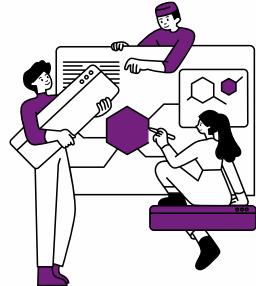
- For content creators , its a unique opportunity to monetize their wares. For example, artists no longer have to rely on galleries or auction houses to sell their art. Instead, the artist can sell it directly to the consumer as an NFT, which also lets them keep more of the profits. In addition, artists can program in royalties so they'll receive a percentage of sales whenever their art is sold to a new owner. This is an attractive feature as artists generally do not receive future proceeds after their art is first sold.
- Art isn't the only way to make money with NFTs. Brands like Charmin and Taco Bell have auctioned off themed NFT art to raise funds for charity. Charmin dubbed its offering “NFTP” (non-fungible toilet paper), and Taco Bell’s NFT art sold out in minutes, with the highest bids





What is NFTMarket?

- Online marketplaces for digital assets are the recent talk of the fintech town. NFT marketplace is such a marketplace that functions as a public website.
- It is a platform that makes it simple to store and sell NFTs. These tokens are generally available for purchase or auction at a set price. To use an NFT marketplace, you will need a wallet to store and trade your best NFT tokens.
- This marketplace is like an e-Commerce platform, say Amazon or eBay where different products are listed by sellers, and buyers can buy them.
- In this, users have to create an account, upload digital artworks, and sell their work on the marketplace. In general, specialized marketplaces are more popular than conventional ones because they include everything a client would require—specialized marketplaces expertise in promoting online artworks and concentrating on specific target audiences.



User flow on an NFT marketplace

Step 1

Users register an account on an NFT platform

Step 3

Users upload digital items to showcase their work

Step 5

Items pass moderation

Step 7

The tokens' owner start accepting bids

Step 9

The NFT platform regulates the transfer of digital assets and funds



Step 2

Setting a crypto wallet is required

Step 4

Items are listed for sale. Users can choose a bid for an auction or set a fixed price

Step 6

When new NFTs are approved, potential buyers see it in the list for sales

Step 8

When the auction closes, sellers are notified about top bids

PROJECT DETAILS

The site begins with the Register/login page if the user is new then he will be redirected to the register page and if not then to the login page. After Registration/Login the home page comes with information about the site and what it does and includes samples of NFT images. Then it has a navbar which includes various sections like Profile section, NFT upload/Buy section, view top or best selling NFT's and many more. NFT's upload/Buy section includes uploading of new NFT you want to sell, and in the Buy section owner of the NFT can put a fixed price for that nft or users can offer the price near or above the owner's price and the user who given the higher price will be granted the access to buy that NFT from the owner. On Clicking Buy users will be redirected to the payment section where its digital wallet metamask is used.

While Uploading a new NFT's on this site it will match the new NFT with it's already uploaded NFT's on this site database and if this NFT get matched with any of the NFT's then a reminder message will be sent to the original owner of the NFT, and that owner can perform action and will be able to stop the user from uploading, If the new NFT doesn't match with anyone of the previous NFT's then the user is clear to upload that NFT and will be able to sell it.



SYSTEM REQUIREMENT

- > Processor : Intel Core i7
- > 4 GB RAM (Minimum)
- > Operating System: Windows (Windows 10 pro)
- > Software Application: VScode
- > Tech Stack

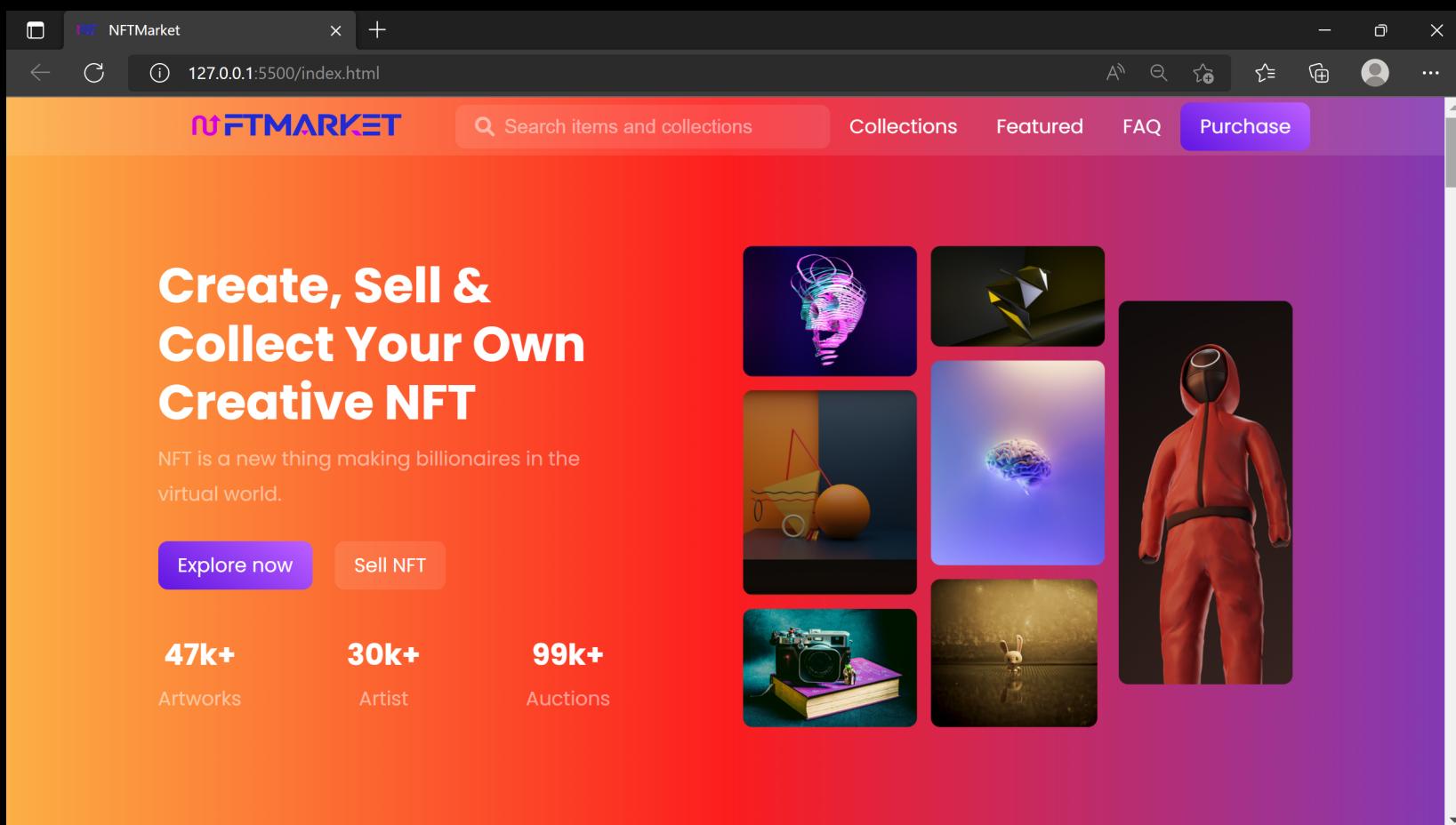
FrontEnd technologies

- HTML5
- CSS3
- JAVASCRIPT

BackEnd technologies

- Node js
- Express js
- SQL
- Rest API

RESULT (UI OF OUR PROJECT)



The screenshot shows the homepage of an NFT market platform named "NFTMarket". The header features a dark navigation bar with a "NFTMARKET" logo, a search bar, and links for "Collections", "Featured", "FAQ", and "Purchase". The main content area has a vibrant orange-to-purple gradient background. On the left, there's a large call-to-action text: "Create, Sell & Collect Your Own Creative NFT". Below it is a subtext: "NFT is a new thing making billionaires in the virtual world." Two buttons are present: "Explore now" and "Sell NFT". On the right side, there are six thumbnail images of different NFT artworks: a stylized brain, a red suit, a sailboat, a camera on a book, and a small rabbit.

NFTMarket

127.0.0.1:5500/index.html

NFTMARKET

Search items and collections

Collections

Featured

FAQ

Purchase

Create, Sell & Collect Your Own Creative NFT

NFT is a new thing making billionaires in the virtual world.

Explore now

Sell NFT

47k+ Artworks

30k+ Artist

99k+ Auctions

01

NFTMarket

127.0.0.1:5500/index.html?#faq

NFTMARKET

search items and collections

Collections Featured FAQ Purchase

About Us

At NFTMarket, we believe that everyone should have the freedom to earn, hold, spend, share and give their NFTs – no matter who you are or where you come from.



Trending NFT

Parin Heidari dropped new works on Friday and the market has been alive and well ever since!

"I go through phases that are visually rich and complex before removing what's not substantive. It's a maturation process that can be painful as it consists of letting go, giving up. But, it's also very demanding as minimalism requests a certain level of perfection. Every element must have its sense, its utility, its intrinsic beauty."

Show more

02

NFTMarket

127.0.0.1:5500/index.html?#collections

NFTMARKET

Search items and collections

Collections Featured FAQ Purchase

Collections

Watch collections you don't own...yet.

All Art Photography Pattern



@Alpha Rahen
PsychoArt

Current bid
0.020ETH

Place a bid



@Rany Bell
MonkeyLover

Current bid
0.090ETH

Place a bid



@Brew Holland
Insomnia

Current bid
0.012ETH

Place a bid

127.0.0.1:5500/index.html?#collections

03

NFTMarket

127.0.0.1:5500/index.html?#collections

FTMARKET

Search items and collections

Collections Featured FAQ Purchase

Featured Artworks

We've collaborated with high-profile organizations and celebrities and generated millions of dollars in revenue in the process.

127.0.0.1:5500/index.html?#featured

04

NFTMarket

127.0.0.1:5500/index.html?#collections

NFTMARKET

Search items and collections

Collections Featured FAQ Purchase

Top Creator

Independent creators making their way in the NFT world.



Jayes

I love the bizarre, and fun quirkiness of life that shines through my work. I find such beauty in movement, and it is this fascination with movement that drives my work in animation and drives me to reach others with my vision.

+ Follow



Angelia

"Weighty feelings that cannot be expressed in any way other than through art; a form of therapy."

+ Follow



Dave Collin

I am a Brazilian American Artist who focuses on digital animation and illustration. I strive to make fun, eye-catching content that dazzles and inspires. elit.

+ Follow

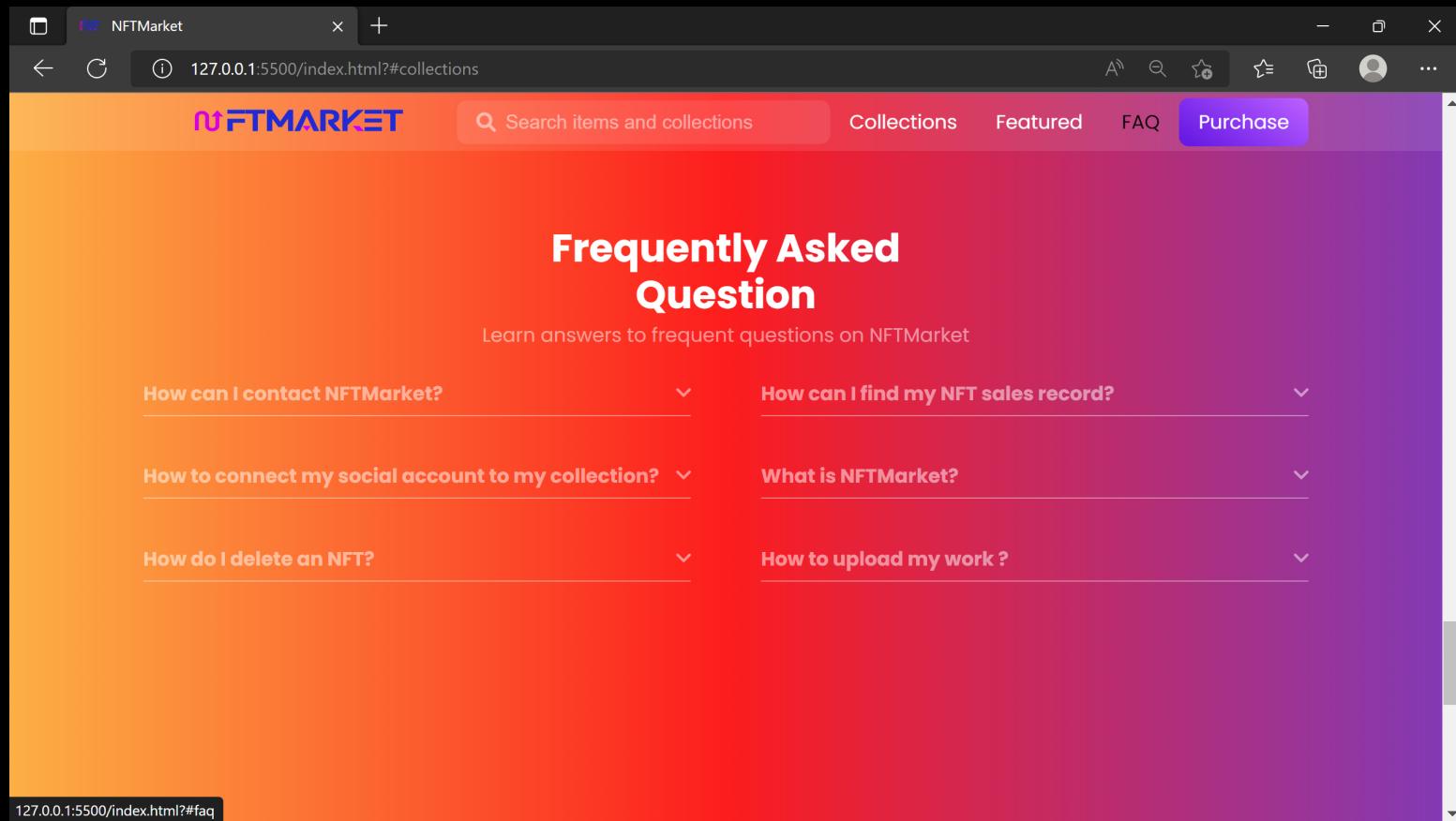


Jayes

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+ Follow





A screenshot of a web browser displaying the NFTMarket Frequently Asked Questions (FAQ) page. The page has a vibrant orange-to-purple gradient background. At the top, there is a navigation bar with the NFTMarket logo, a search bar, and links for Collections, Featured, FAQ, and Purchase. The main title "Frequently Asked Question" is centered in large white font. Below it, a subtitle reads "Learn answers to frequent questions on NFTMarket". The page contains six FAQ sections, each with a question and a dropdown arrow:

- How can I contact NFTMarket?
- How to connect my social account to my collection?
- How do I delete an NFT?
- How can I find my NFT sales record?
- What is NFTMarket?
- How to upload my work ?

The URL in the browser's address bar is 127.0.0.1:5500/index.html?#faq.

06

A screenshot of a web browser displaying the homepage of an NFT marketplace. The page has a vibrant, multi-colored gradient background transitioning from orange to purple. At the top center, there is a large, bold text "Get ready to collect NFTs". Below this, a prominent button labeled "Get started" is visible. The header features a logo for "NFTMARKET" and a search bar with the placeholder text "Search items and collections". The navigation menu includes links for "Collections", "Featured", "FAQ", and "Purchase". The footer contains sections for "About", "Company", and "Contact", along with social media icons for YouTube, GitHub, and Instagram. A copyright notice at the bottom states "Created by G-116 | All Right Reserved!"

NFTMARKET

Get ready to collect
NFTs

Get started

Search items and collections

Collections

Featured

FAQ

Purchase

About

Product

Resource

Term & Condition

FAQ

Company

Our Team

Partners

Privacy & Policy

Features

Contact

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THANK YOU

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