

1. Stickmen Toys

- **Description:**

- A collection of 5,000 NFTs, in partnership with Bose. This collection was a free mint, but has a total OpenSea trading volume of 1,300 ETH and got as high as #2 on OpenSea's daily volume chart.
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- **My Responsibilities:**

- Smart contract (Solidity, ETH main net), Test Smart Contract (Hardhat), Database (Moralis) + Cloud functions (Moralis, Google Cloud), Metadata Hosting
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- **Coolest feature:**

- Admin functionality was implemented so that I could perform necessary state changes and pre-mints while the client maintained full ownership of the contract.
 - Extremely low gas fees
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- **Links:**

- [Website](#)
 - [Etherscan](#)
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2. CEX Never Ending Tickets

- **Description:**

- NFTs as lifetime tickets to an annual conference. Owners can register after proving ownership of a CEX NFT.
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- **My Responsibilities:**

- Smart contract (Solidity, ETH main net), Test Smart Contract (Hardhat), website backend(Node.js, Web3.js), Database (Moralis) + Cloud functions (Moralis, Google Cloud)
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- **Coolest feature:**

- The smart contract automatically increments the price of each NFT based on total supply. For example, the starting price was 0.75ETH, after 25 were minted the price incremented to 0.95ETH, and now that over 50 have been minted, the price is 1ETH.

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- Links:
 - [Website](#)
 - [Etherscan](#)

3. Glory Smacks

- Description:
 - A full NFT marketplace to buy and sell highlights from the world's largest Kickboxing league. Users can buy Packs of highlights and earn perks for completing certain collections. Users can also buy and sell on a secondary marketplace.
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- My Responsibilities:
 - Smart contract (Solidity, ETH main net), Test Smart Contract (Hardhat), website backend(Node.js, Web3.js), Database (Moralis) + Cloud functions (Moralis, Google Cloud), Metadata Hosting
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- Coolest feature:
 - For secondary transactions, the smart contract automatically pays the seller 90% of the sale price, and automatically sends 10% to our fee payout wallet.
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- Links:
 - [Website](#)
 - [Etherscan](#)
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4. Probably Nothing Genesis

- Description:
 - Free mint NFT that acts as a guaranteed whitelist spot for future Probably Nothing projects. Also works for projects who partner with Probably Nothing

- **My Responsibilities:**

- Smart contract (Solidity, ETH main net), Test Smart Contract (Hardhat), website backend(Node.js, Web3.js), Database (Moralis) + Cloud functions (Moralis, Google Cloud), Metadata Hosting

- **Coollest feature:**

- Used Merkle Tree for whitelist which allows us to have thousands of wallet addresses on the whitelist without having to enter all of those into the contract manually.
- Contract is built on ERC721A which made gas fees extremely low. One user minted 2 for a gas price of <\$10.

- **Links:**

- [Website](#)
- [Etherscan](#)

5. Photosynthesis

- **Description:**

- PFP project that grants access to a virtual Flower Shoppe (described later).

- **My Responsibilities:**

- Smart contract (Solidity, ETH main net), Test Smart Contract (Hardhat), website backend(Node.js, Web3.js), Database (Moralis) + Cloud functions (Moralis, Google Cloud), Metadata Hosting

- **Coollest feature:**

- Smart contract used two methods for whitelist - Merkle Tree and checking the user's Probably Nothing balance on the blockchain.

- **Links**

- [Website](#)
- [Etherscan](#)

6. Flower Shoppe

- **Description:**

- A virtual flower shop where users can send free flowers (excluding gas) with a custom note to any wallet. Most flowers are exclusive to Photosynthesis holders, but some can be gifted by anyone.
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- **My Responsibilities:**

- Smart contract (Solidity, ETH main net), Test Smart Contract (Hardhat), website backend(Node.js, Web3.js), Database (Moralis) + Cloud functions (Moralis, Google Cloud), Metadata Hosting
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- **Coollest feature:**

- User can add a custom note that will get added to the metadata of the NFT they gift. Shows up as the 'Description' of the NFT on OpenSea and in MetaMask (mobile).
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- **Links**

- [Website](#)
- [Etherscan](#)