



ETHOnline 2023

About me



Stan Trenev



0xFusion



ApeBlendr

What I've built

No-loss savings game built on top of ApeCoin and ApeCoin Staking, utilizing Chainlink and The Graph.



How it works

- Users deposit **\$APE** into the **ApeBlendr** smart contract
- **ApeBlendr** stakes the deposited **\$APE** into the **ApeCoin Staking** contract and starts accruing rewards
- Every week 1 random winner is drawn and earns all the accrued rewards for the respective period
- Non-winning players never lose their principal



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Chainlink Integration

- **ApeBlendr** extends **Chainlink's VRFv2Consumer.sol** and requests a random number every time the period is over
- A **Chainlink Upkeep** checks periodically if the time period is over and triggers the draw request



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The Graph Integration

- **ApeBlendr** emits events every time a prize is awarded or when a player enters/exits the **ApeBlendr**
- **The Graph** is utilized to index the respective events and provide stats for all the latest winners + total players in the **ApeBlendr**



Demo



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Tech Stack

- **ApeBlendr**, **ApeCoin** and **ApeCoin Staking** deployed on Ethereum Goerli
- **Alchemy** for **RPC Node Provider**
- **WAGMI React** hooks and **ConnectKit** for **Web3** connection
- **Subgraph** deployed on **The Graph Hosted Service**
- **Next.js React** frontend deployed on **Vercel**



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Future Plans

- Get audited from respected solo auditor or company
- Improve UI/UX design and look-and-feel of the DApp
- Launch on Mainnet with the support of the ApeCoin DAO and contribute to the ApeCoin community

Check It Out

<https://apeblendr.com>



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