

SCALING ETHEREUM 2024

# Deploy Layer 3 Solutions in a Snap!





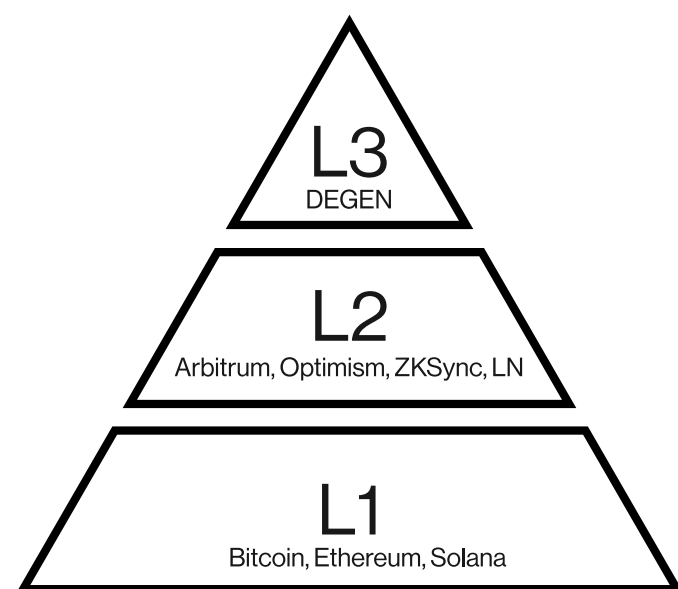
## OUR DEPLOY STATEMENT

FruitRush democratize the creation of powerful Layer 3 blockchain solutions that foster digital inclusion and drive positive global impact. By providing an innovative no-code platform.



## PROBLEM

The intimidating technical complexity, high cost, and resource demands of blockchain technology, which hinder its effective use and adoption, especially in communities with limited access to advanced tools



**Fruit Rush as the innovative solution that overcomes challenges through its user-friendly, secure, and flexible approach to deploying specialized Layer 3 blockchain solutions.**







## SOLUTION

# Fruit Rush addresses the challenges hindering blockchain adoption. It simplifies the complex technology, making it accessible and affordable.



### **Technical barriers to blockchain development and usage**

Fruit Rush simplifies the complex nature of blockchain technology, making it easy for users to create and manage blockchain chains without requiring in-depth technical knowledge.



### **Inability to create specialized solutions for specific needs**

Fruit Rush enables the creation of specialized L3 blockchain chains, catering to precise needs such as secure P2P exchanges and registries for missing persons.



### **Exclusion from digital opportunities**

By democratizing access to blockchain technology, Fruit Rush bridges the digital divide, empowering more communities to benefit from decentralization for social and economic growth.



WHY NOW

Fruit Rush offers an accessible gateway, empowering individuals and small organizations to step into the digital economy without hefty upfront investments.

MARKET OPPORTUNITY

# The current market of L3s is more than 1 Billion on Market cap





# Here's how we're making a difference:

## Technical Complexity

The intimidating nature of blockchain's technical complexity is simplified by Fruit Rush. We enable users to effortlessly create and manage blockchain chains with minimal effort and without the need for in-depth technical knowledge.

## Digital Inclusion

By democratizing blockchain technology access, Fruit Rush is a catalyst for bridging the digital divide, granting more communities the power to harness decentralization's benefits for social and economic growth.

## Accessibility

Blockchain development tools are often prohibitively expensive or demand considerable computational resources. Fruit Rush offers an accessible gateway, empowering individuals and small organizations to step into the digital economy without hefty upfront investments.

## Security and Privacy

We leverage state-of-the-art technologies like Arbitrum Orbits, Avail, and RISC Zero to fortify transaction and data security and privacy.. Additionally, by incorporating Fully Homomorphic Encryption (FHE) from Fhenix, we offer an extra layer of privacy for the chain and its participants, should L3 creators opt for this feature.

## Specialization and Flexibility

Fruit Rush's enablement of specialized L3 blockchain chains caters to precise needs, from secure P2P exchanges to registries for missing persons, thus tailoring solutions to specific problems that broader platforms fail to address efficiently.

# We offer a unique solution



Caldera enables to build and scale high-performance blockchains in one click, along with all the infrastructure needed to power product vision

- ✗ Fully homomorphic encryption y ZKP
- ✗ DA option with Avail and pre-compilations to further customize the networks.



Conduit allows anyone to deploy a rollup through our self-serve Rollups-as-a-Service platform in a matter of minutes, no code required

- ✗ Fully homomorphic encryption y ZKP
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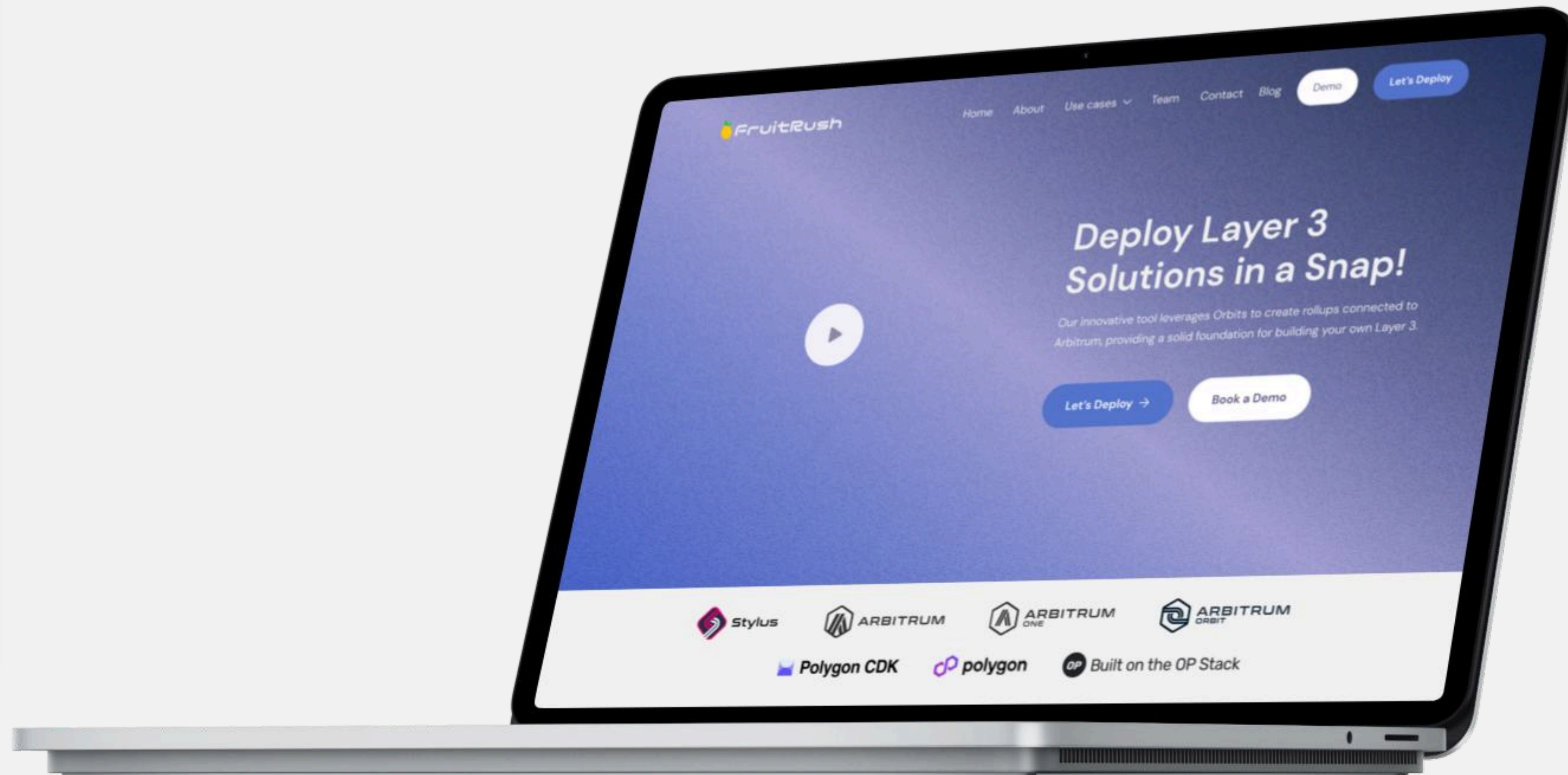






SUBHEADING

# Web Application



Frontend

Connect wallet

Create your L3 Rollup on Arbitrum Nitro

Testnet

Mainnet

Select Native Token

ETH

wBTC

ARB

Custom

Select where you want posted your transactions

Avail

Ethereum

Any Trust

Network Name:

Chain ID:

Deploy your L3 Rollup

Manager Config

Sign tx to validate that has permissions to make changes

If has permits decrypt json values

Values:

Update Config

Backend

Generate Config JSON file

Send tx to create rollup.

if returns an address run a docker container and save config.json to DB

RISC ZERO generate a proof from config. config.json returns a hash(sha256)

This json file is encrypted and saved in the contract, each time that the json is updated we generate new proof and store the hash.

Data Base

Rollup address

current version proof

past version proof

Arbitrum Rollup Creator Contract

0x06e34012315613...

Create Rollup((  
tuple,  
address,  
address[],  
uint256,  
address,  
bool,  
))

returns (address)

Config File Manager FHE

addJson(  
address rollup Address,  
inEuint32 calldata json  
)  
getData(address rollup Address)

updateJson(  
address rollup Address,  
inEuint32 calldata json  
)

Risc zero proof for new version of config file

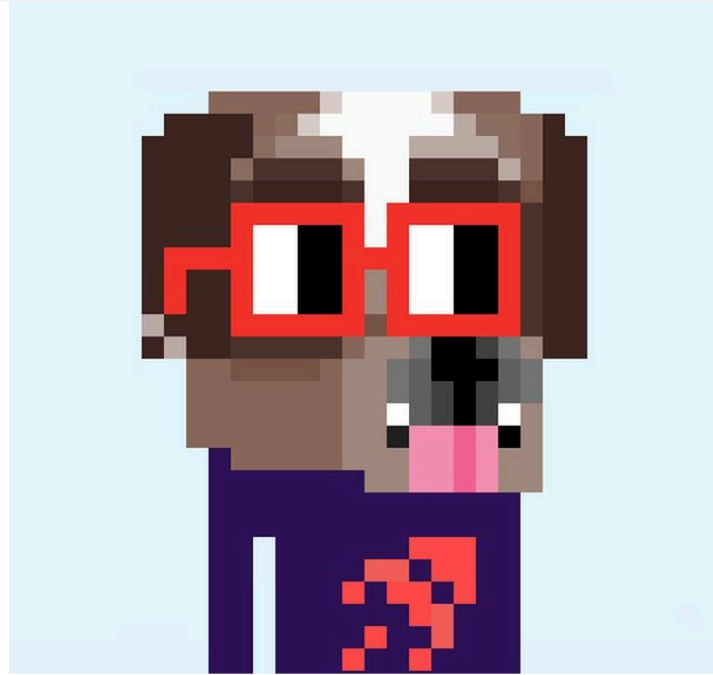






TEAM - GROUP

# Team



**Software developer**

DEGEN Maxi



**Software developer**

Meme activist



**Software developer**

DEGEN fundamentalist



**UI Designer**

REGEN maxi