

# Web3Games

**THE NEXT GEN GAME DEV PLATFORM - WE CATALYSE THE NEXT GENERATION OF GAMES.**

下一代去中心化数字游戏集成平台 - 推动下一代 Web3 游戏发展

# INTRODUCTION

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**Web3Games is a new generation game development ecosystem based on Substrate.**

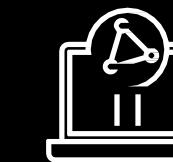
**We provide various solutions for the web3games ecosystem, from development frameworks and tools targeting the game developers to parachains designed for the ecosystem.**



# VISION



01



Seamlessly connect high-quality game products from the traditional game industry to the polkadot blockchain world

02



All-round help for individual developer or teams, to solve the problems encountered in the development of blockchain games.

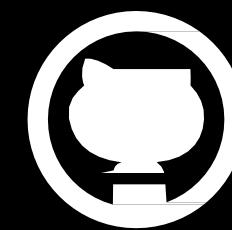
03



Game developers can quickly develop a native blockchain game from zero to one

# WHAT WE DEVELOPED

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Project GitHub



Web3Games

# WHAT WE DEVELOPED

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## SubGat

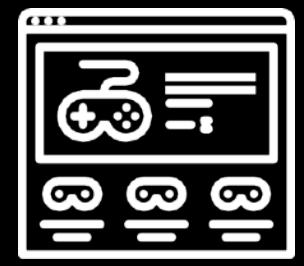
SubGat is a professional blockchain game development framework born for blockchain + games.

Develop a native blockchain game within several days through SubGat!



# SubGat

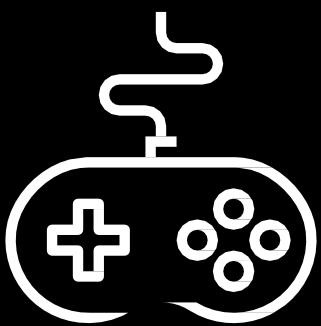
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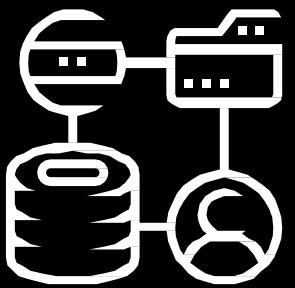
Game Website  
Frontend Framework



Game Website  
Backend Framework



Game Client  
Framework



Game Backend System  
Framework



Game Contract  
Library

# SubGat

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## Game Website Frontend Framework



We help game developers set up the websites for their blockchain games.

- Customisable UIUX
- User can log in the game account with Polkadot account
- User can browse digital assets, including game data on chain, NFTs and game token portfolio.

# SubGat

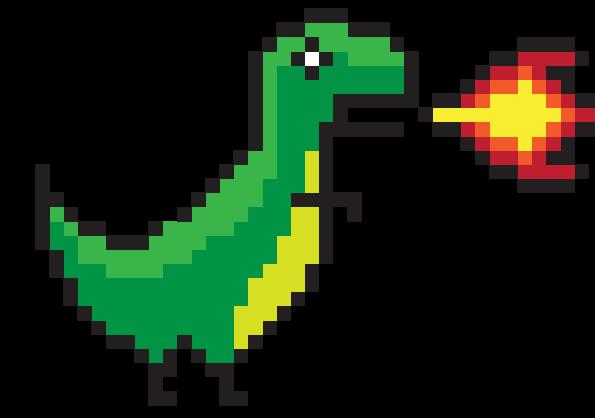
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## Game Website Backend Framework



We provided Rust-based backend framework for developers to easily kickstart a project, retrieving the data from blockchain to the backend system.

- Provide website API and data source
- Optimise game performance integrated with blockchain
- Decentralised web3 integration support



# Game Web Demonstration time

# FUTURE PLAN

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## Substrate Game Browser

- Enquiry, sale, and transfer capabilities of game digital assets
- Enable API query capabilities on the game chain
- Game subscription related functions



# FUTURE PLAN

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## Substrate Game Pocket

Customized blockchain game decentralized integrated wallet for blockchain + games.

- Financial-grade decentralized digital game asset storage security **【Basic】**
- Scan code purchase, transfer, gift, etc. of movie assets **【Core】**
- Expand the game Dimensional universe to discover good games **【Core】**
- Built-in social communication function **【Core】**
- Enable wallet related API **【Expanded】**
- Exclusive custom military-grade game-oriented hardware physical wallet **【Expanded】**



# FUTURE PLAN

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## Substrate Game SDK

Customized blockchain game toolkit for blockchain games.

- Quickly access the basic game chain through the Web3Games JS library **【Basic】**
- Faucet test network to receive **【Basic】**
- Development documentation manuals and related tutorials **【Basic】**
- Quickly publish your own digital game assets through the SDK **【Core】**
- Web3Games public products open API capabilities **【Expanded】**

# FUTURE PLAN

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## Substrate Game File System

A customized blockchain game resource storage infrastructure developed for blockchain + games based on IPFS.

- Distributed decentralization encourages game resource storage infrastructure **【Basic】**
- Edge node resource acceleration and sharing **【Core】**
- Open API query **【Expanded】**

# FUTURE PLAN

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## Substrate Game Engine

- Integrated blockchain game engine
- Based on RUST and WASM
- Hardware performance tuning, native speed, cross-platform capability **【Basic】**
- SGEscript is a scripting language for blockchain game development **【Core】**
- Built-in SubGat framework and WEB3games JS library **【Core】**
- Built-in blockchain game template and material store **【Expanded】**
- Open plug-in system and engine API **【Expanded】**

# TEAM



**Henry**

**Team Lead and  
Blockchain Engineer**



**Davi Rain**

**Blockchain Engineer**



**王雪山**

**Smart Contract  
Engineer**

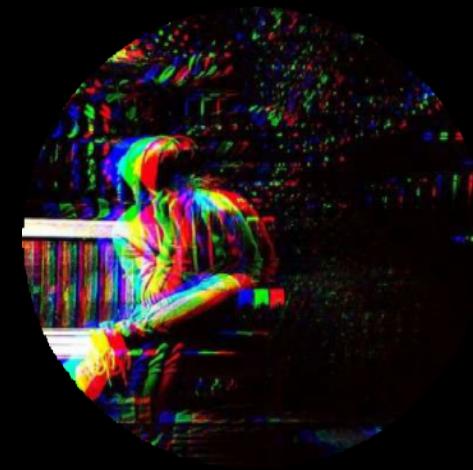
# TEAM

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**Blank**

**Backend Engineer**



**KK Chen**

**Frontend Engineer**



**Joan**

**Project Manager**



**Thank you**