



BLOCKCHAIN DEVELOPMENT SERVICE OFFERING

BAP IT JSC

<https://bap-software.net/>



Pioneering Blockchain Innovation in Vietnam & Japan



Overview

BAP, established in 2016, is a rapidly growing company dedicated to prioritizing our clients' needs above all else, delivering innovative products tailored to exceed expectations.

Name	BAP IT JSC
Established	1st Mar , 2016
Headquarter	BAP Building 180-182-184 Nguyen Tri Phuong, Chinh Gian, Thanh Khe District, Da Nang
Website	https://bap-software.net/
Email	sales@bap.jp

YOE	Clients	Projects	Employesss
7+	100+	220+	500+

Awards & Certificates

2016

Company Establishment in Danang, Vietnam

Opened new office in Tokyo, Japan

2019

Became a member of Vietnam Software Association (VINASA)

Certified by ISO 9001:2015 on Quality Management System

Established Hue branch

Opened new office in Osaka, Japan

2020

SME100 - Top fast moving companies

Certified by ISO 27001 on Information Security

Top 10 Vietnam ICT Company 2020

Vietnam's Top 20 Golden Brands 2020 in Product Quality Category

Established Ho Chi Minh branch

2022

Re-evaluated ISO 9001:2015 Certificate on Quality Management System

Renew ISO 27001:2013 Certificate on Information Security

Established Ha Noi branch

2023

Formed a partnership with DatumX in California, USA

Establishment of BAP Korea office



Why choose BAP?

People

Our team brings over 8 years of worldwide experience across Japan, Korea, Australia, Singapore, the U.S..., delivering end-to-end system development solutions.

Product

Guided by Omotenashi and Kodawari spirits, we seamlessly navigate from consultancy to operations. Leveraging our extensive product development experience, BAP offers highly effective consulting services.



Technology

We leverage cutting-edge tech to boost performance, broaden capabilities, and optimize budgets for clients.

Business Scale

With over 500 engineers across 7 cities, certified in ISO 9001 and ISO 27001. Recognized as Vietnam's Top 20 Golden Brands 2020 for Product Quality and Top 10 ICT companies 2020, 2021 (revenue, AI, Blockchain).

Global Presence & Industry

Industry expertise

 HRM/CRM/ERP

 E-Commerce

 Mobility

 Retails

 Telehealth

 Blockchain

 Medtech

 Finance

 Agritech

 Logistic

 AI/IoT

 Edutech



○ Japan

Tokyo
Osaka

○ Korea

Seongnam

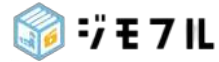
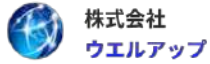
○ Vietnam

Ha Noi
Ho Chi Minh
Da Nang
Hue

○ The U.S

California

CLIENTS



Our Blockchain Services



Development of Cryptocurrency Exchanges

Our team develops secure cryptocurrency exchange software for seamless peer-to-peer trading using smart contracts and blockchain.

NFT Marketplace Development

Launch profitable NFT marketplace on a blockchain network with smart contracts for enhanced security. Allow users to create, trade, buy, and sell digital assets like art, music, videos, and games seamlessly.

Metaverse Development

BAP taps into the Metaverse for diverse offerings like 3D environments,, Apps, and Gaming. By using AR and VR tech, we bridge reality with virtuality, empower clients in immersive ventures.



DeFi Development

Transition from Centralized traditional methods to DeFi Decentralized technology on the blockchain.



DApp Development

Deliver secure software for Decentralized applications compatible with smartphones and websites, running on Blockchain networks.



Smart Contract

Secure smart contracts, powered by Blockchain technology, are emerging as an alternative to traditional paper contracts.



Token Development

BAP development team constructs various tokens like ERC20, TRC20, BEP20, NFT, etc., on different Blockchain networks tailored to business requirements.

Our Blockchain Services



Our Blockchain Services



Hyperledger

Assist in developing businesses with reliable enterprise Blockchain-based software, utilize the smart contract-enabled Hyperledger framework.

White Label Crypto Exchange

Deliver an instant crypto exchange platform equipped with all the security features necessary for business's crypto exchange operations.

Decentralized Crypto Exchange

BAP Blockchain developers employ robust and secure code to craft Blockchain-based applications, ensuring a secure environment for trading crypto assets.

Payment and Wallet

As a premier blockchain development company, our developers can create crypto wallets and payment gateways that seamlessly accept all cryptocurrencies.

Our Blockchain Capabilities

BAP has 215+ gaming experts and a developer pool of 500+ across Vietnam, including partner firms.

Role	Junior	Senior	Lead	Director
Producer/Manager		02	02	03
Game Designer		02	01	01
2D Artist	06	06	02	
3D Artist	04	10	02	
Concept Artist		03	01	
Client Dev	13	10	04	02
Server Dev	21	29	15	02
QA/QC/Tester	26	40	03	

Partner Companies
Resources



Our Blockchain Capabilities

Game Art/Design

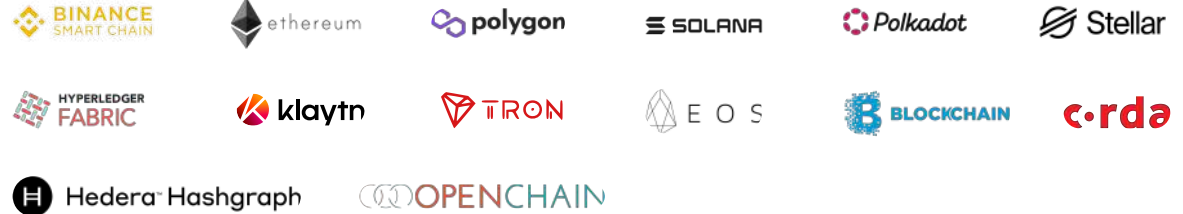
Our artists bring extensive experience, adeptly blending technical and aesthetic needs in their creations.

- Concept Art
- Casual Art
- Slots Game Art
- Character Design
- Environment Design
- 2D Art
- 2D Character Design
- 2D Environment Design
- 2D Animation
- 3D Art
- 3D Character Design
- 3D Environment Design
- 3D Game Modeling
- UI/UX Design
- Game Economy Design
- Game Level Design
- 3D Animation
- Motion Graphic Animation

Game Engine



Blockchain



Game/Art Design Tools

We choose the most appropriate tools and game engines based on the unique characteristics and objectives of each game.



Game Server & Backend API



Our Blockchain Capabilities

Discover why BAP stands out from the rest

	BAP	General system development company	Freelance (individual)
Blockchain specialist engineer	More than 30 certified technicians	New developer focus	Hard to accommodate
Project administration	Certified project managers and coordinators are onboard	Few companies respond adequately	Few individuals can manage properly
Project release	On-time release achievable	A risk of delay	A risk of delay
Data protection guarantee	NDA signed	Not clear	No guarantee
Cost aspect	Affordable pricing	Varies by company	Can be costly

Our Blockchain Development Approach

BAP follows agile methodologies in blockchain development

BAP gives top priority to understanding the specific business models, plans, and ideas of each client. We carefully analyze the requirements for blockchain application models.

After precisely outlining the client's requirements, we craft a draft to visualize the software design and development process accurately.

We adopt a holistic approach to infrastructure, system, and UI/UX design, ensuring alignment with our clients' precise needs.

01

Client's requirements

02

Service Blueprint

03

Project Design

04

Project Development

05

Testing

06

Release

After client approval of the web design, our engineering team proceeds to develop the software backend and functionality, ensuring a robust foundation for the final product.

Blockchain software undergoes rigorous testing to ensure bug-free functionality, with each module meticulously examined through multiple testing stages.

Our team monitors performance, collects metrics, gathers stakeholder/users feedback, continuously improves technologies and processes wherever possible.

HIGHLIGHT BLOCKCHAIN CASE STUDIES



Highlight case studies

CONCHECK

BTC/JPY

864333

864903

ZAIF

BTC/JPY

863830

865460

QUOTE

BTC/JPY

864134

864321

BITFLYER

BTC/JPY

1042959

1046715

BINANCE

Pair	Type	Sell/Buy	Price	Amount	Diff	Profit	Created date
Binance	Error Handle	Sell	0	0	1738	52.1	2019-07-25 02:09:59
		Buy	1047936.625	0.03			
Binance	Error	Sell	1049675.5	0.03	0	0	2019-07-25 02:09:57
		Buy	0	0			
Binance	ARB	Sell	1048043.0625	0.1	129	12.9	2019-07-25 02:09:41
		Buy	1045820	0.1			
BitFlyer	ARB	Sell	1042959	0.05	101	5	2019-07-25 01:44:44
		Buy	1040773.8125	0.05			

SMART TRADING

Bitcoin

7.28 BTC

¥

221767037 JPY

TRANSACTION SETTING

237 JPY

2 BTC

2240 JPY

BAP SOFTWARE

BALANCE SYSTEM

PROFIT - 63762

Exchange	Sell/Buy	Price	amount	profit	Updated date
Binance	sell	1049675	0.39	1738	2019-07-25 02:09:40
BitFlyer	sell	1045820			
HMBTC	sell	1048738	0.31	824	2019-07-25 02:09:42
BitFlyer	buy	1045820			

BAP Smart Trading Web

In cryptocurrency markets, transaction delays are a major hurdle, especially given the volatile coin rates. BAP specializes in high-speed, real-time technology for those building such platforms.

Highlight

- Ensuring seamless data storage and rapid cryptocurrency trading
- Supporting top cryptocurrencies like BTC and ETH, providing real-time prices, historical data, and statistical insights
- Compatible with major exchanges such as Coincheck, Zaif, Bitflyer, Binance, Quoine, Bittrex, and Hitbtc

Development format: Lab

Publication destination: Web

Technology stack



PHP



Redis



Blockchain

Highlight case studies



Virtual currency asset management app

Highlight

- Offering a versatile wallet connecting users to multiple virtual currency exchanges
- Enabling users to manage, buy, and sell popular assets like Bitcoin, Ethereum, and Ripple, supporting the top 10 coins on Coin Market Cap
- Access real-time data and execute transactions directly from the wallet by connecting to multiple exchanges, including leading platforms worldwide

Development format: Lab

Publication destination: Web

Technology stack



Java



Ruby



NodeJS



Python



React



AWS



Solidity

Highlight case studies

Virtual currency exchange

Highlight

- BAP's SMART TRADING platform facilitates cryptocurrency trading, supporting major coins like Bitcoin, Ethereum, Ripple, and ERC20 tokens.
- Implementing KYC identification and anti-money laundering features, we prioritize security with technologies like cold wallets, multi-signature wallets, and TFA, widely adopted by leading cryptocurrency firms.

Development format: Lab

Publication destination: Web

Technology stack



Java



Ruby



NodeJS



Python



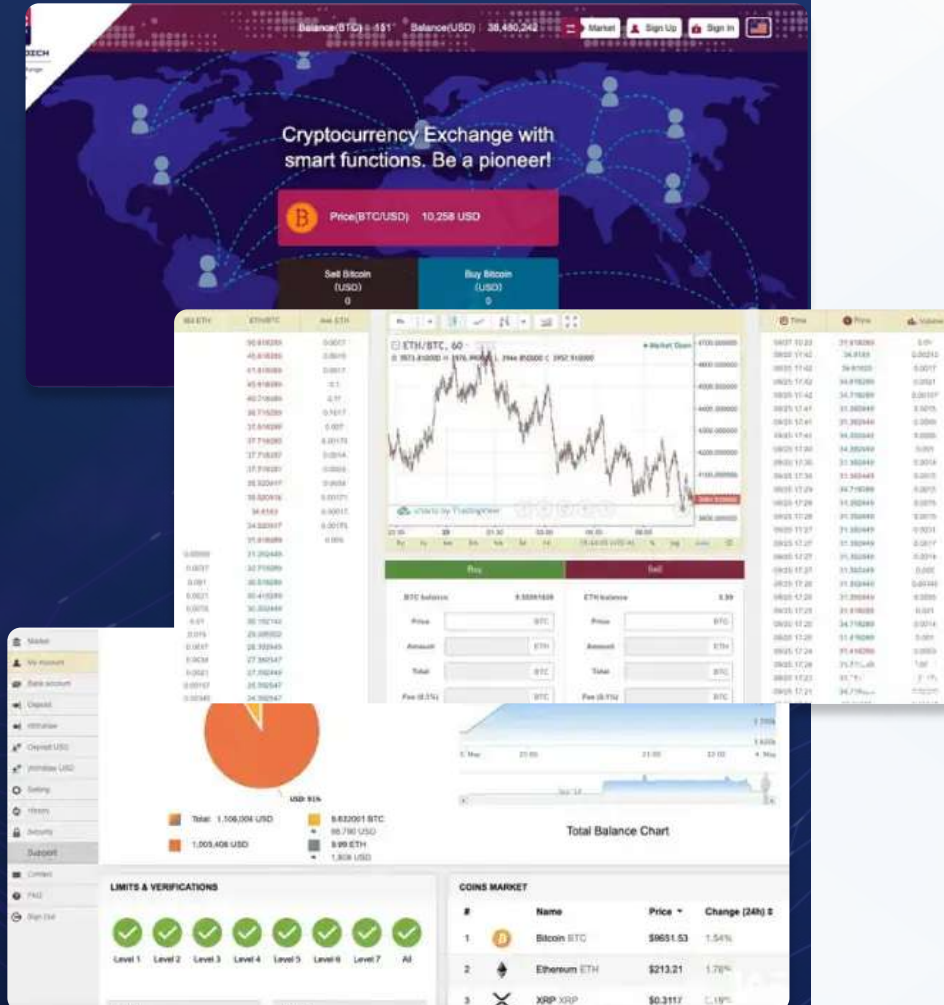
React



AWS



Solidity



Highlight case studies

NFT Game - DEFI WARRIOR

DeFi Warrior is one of the highlight achievements developed by BAP team in response to customer needs for an NFT game. In-game assets like characters and items are NFTs, allowing players to trade them for profit. Developers introduce rare items to the market, causing value fluctuations as players engage in buying and selling these assets.

Highlight functions

Monetize the game by creating unique items that can be used interchangeably across multiple game modes. These items persist even after the game ends, making cheating difficult.

Development format: Contract

Publication destination: Web - App

Link: <https://defiwarrior.io/>

Technology stack



Java



NodeJS



NFT



AWS



Blockchain



Highlight case studies

NFT Marketplace - DEFI WARRIOR

Highlight

- A platform for storing, displaying, buying, selling, and issuing NFT assets, akin to e-commerce giants like Amazon and eBay in the physical world.
- The NFT marketplace hosts a vast array of digital assets, and the trend extends to converting physical assets into NFTs, broadening the marketplace's scope.

Development format: Contract

Publication destination: Web

Technology stack



Java



React



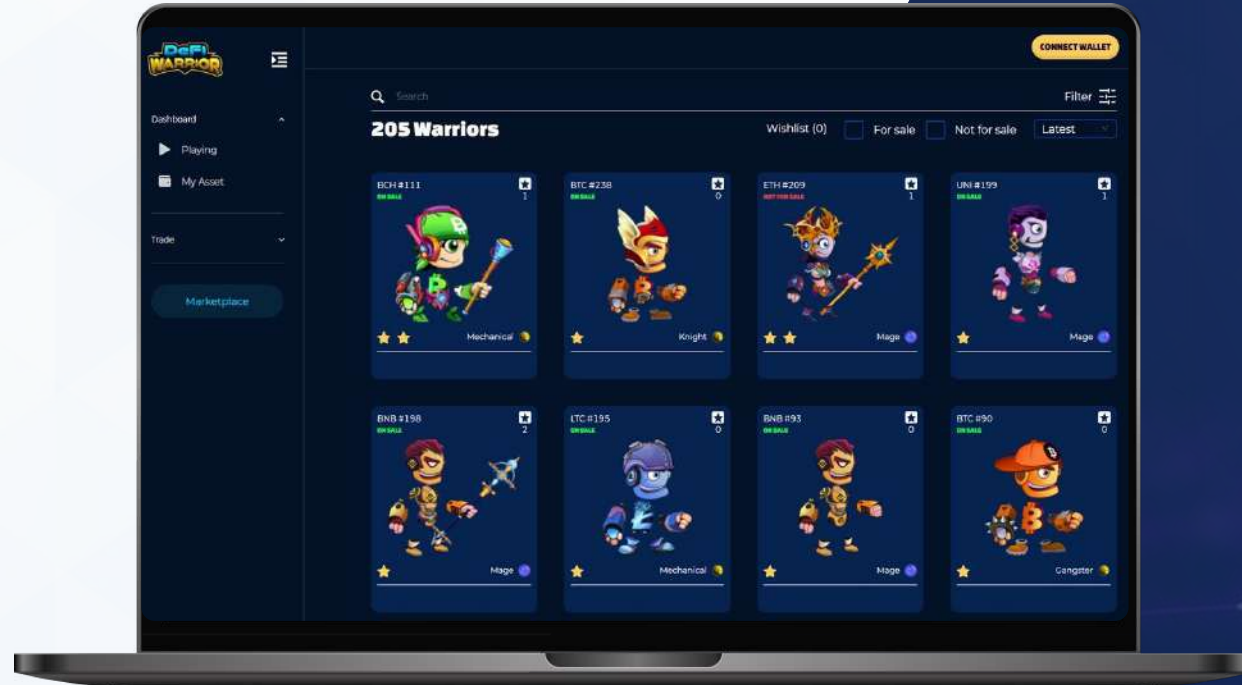
NFT



AWS



Blockchain



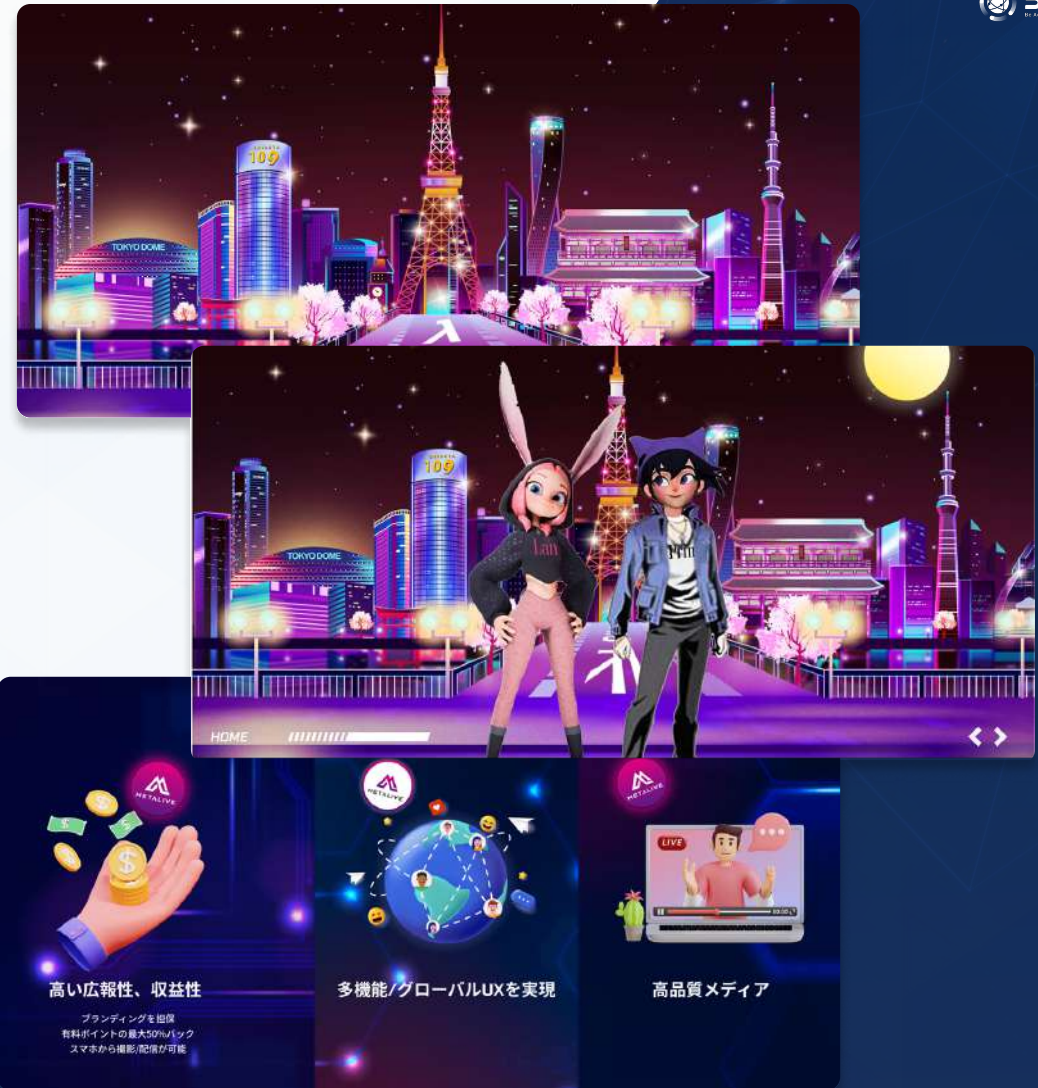
Highlight case studies

META-LIVE: Metaverse for Tokyo Live

At MetaLive, the city has minted NFTs for all land and buildings, enabling their sale and resale.

These NFTs are listed and sold in the marketplace, where users can purchase them using virtual currency (tokens) or UST from stacking.

Additionally, Key Opinion Leaders (KOLs) can live stream from their virtual studios.



Highlight case studies

THE MERA - Metaverse Game

Metaverse games, set in virtual worlds powered by Blockchain technology, represent an emerging trend.

Highlight

In The Mera, users can:

- Embody their favorite characters
- Engage in voice chat with friends
- Confront adversaries, and immerse themselves in interactive virtual adventures.

Development format: Fix price

Publication destination: Web - App

Link: <https://mera.defiwarrior.io/>

Technology stack



NodeJS



Unity



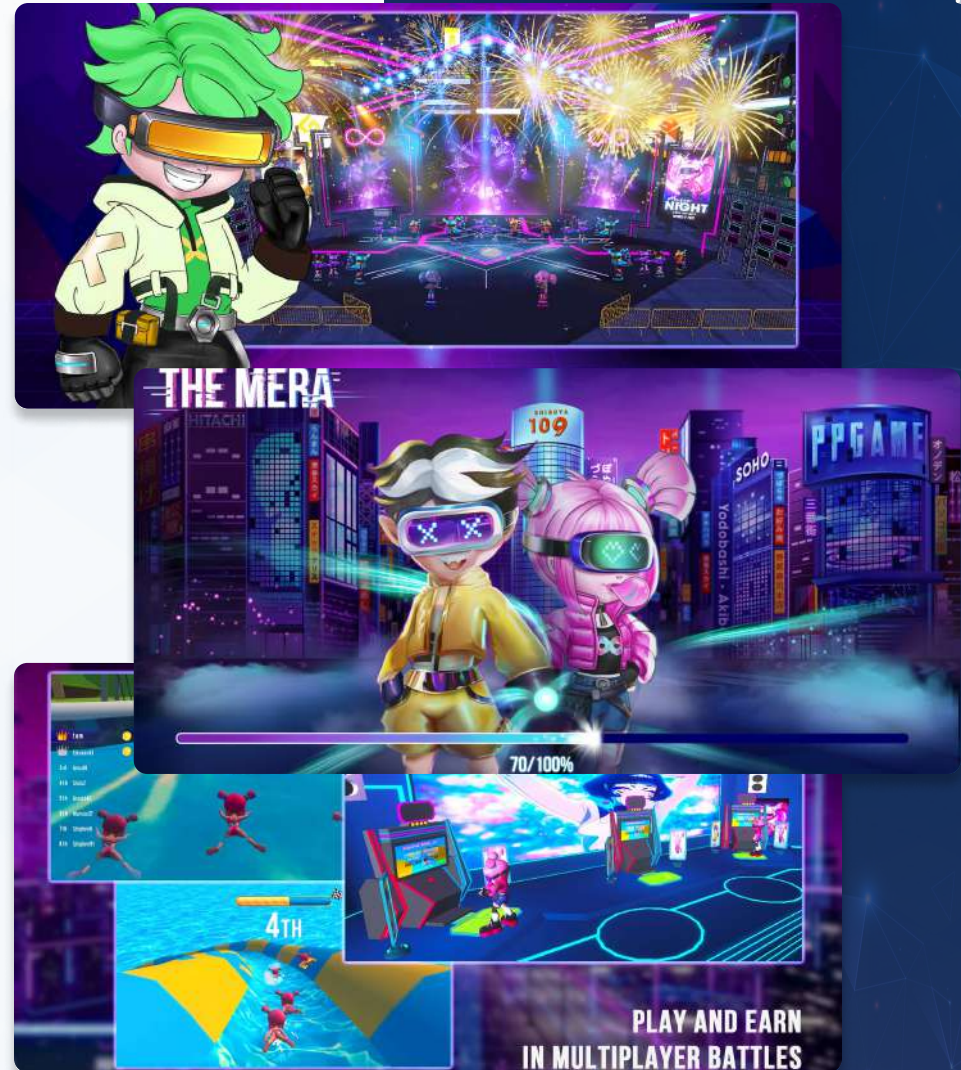
AWS



NFT



Blockchain



Highlight case studies

META-LAND Metaverse for City Land

At MetaverseLand, players can trade virtual currency by selling NFT condominiums, operating commercial video advertisements, and tipping coins.

Real estate, avatar costumes, and other assets are managed on the Blockchain as NFTs, with tokens serving as currency within the virtual world.

Highlight technology

- VR technology
- 3D environment modeling technology
- Engineering computing technology
- Reliable and stable backend infrastructure
- Blockchain technology
- Game development technology



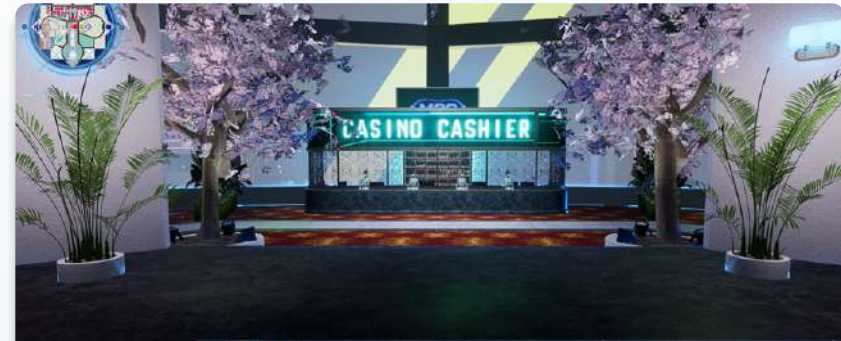
Highlight case studies

META-GAME: Metaverse for Game Center

Game City Metaverse provides a diverse array of games, from slots and blackjack to roulette and poker.

Players can also engage in live dealer games, interacting with real-life dealers in real time.

Additionally, Virtual Reality (VR) technology immerses users in simulated realities, fulfilling their unique fantasies when they put on a VR headset.



Highlight case studies

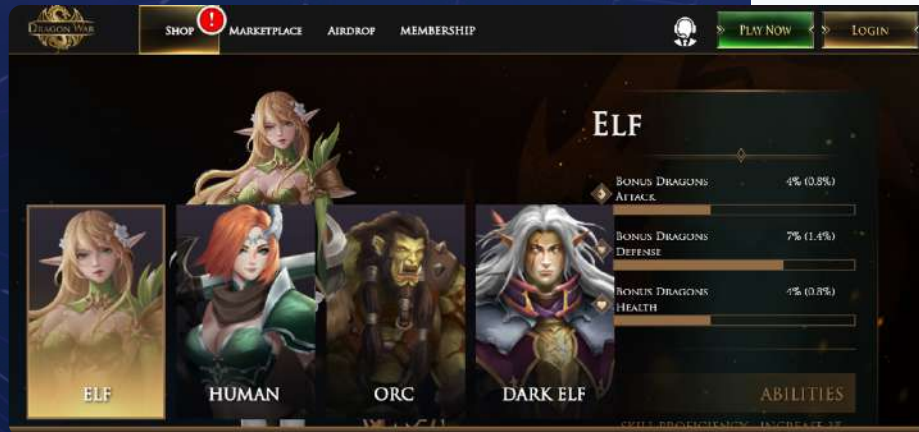


Dragon War

Dragon War is a turn-based strategy game where characters are unique NFTs on the Blockchain.

Highlight functions

- Deposit/withdraw ERC20
- Mint/burn ERC20, ERC721 token
- Make conditions in functions
- NFT Marketplace for buy, sell, offer
- Decentralized finance: Staking
- Deploy, and interact contracts from both BE and FE
- Apply upgradeable contract, multi-sign wallet



Technology stack



NodeJS



Solidity



Solidity



Highlight case studies

Bizverse

Bizverse is a Metaverse world integrated with a complete Digital Twin for business and life. In the Bizverse World, users can build, shop, view, connect, share, have fun, and earn money in a virtual environment.

Publication destination: Web - App

Link: <https://bizverse.io>

Technology stack



NodeJS



Java



React



NextJS



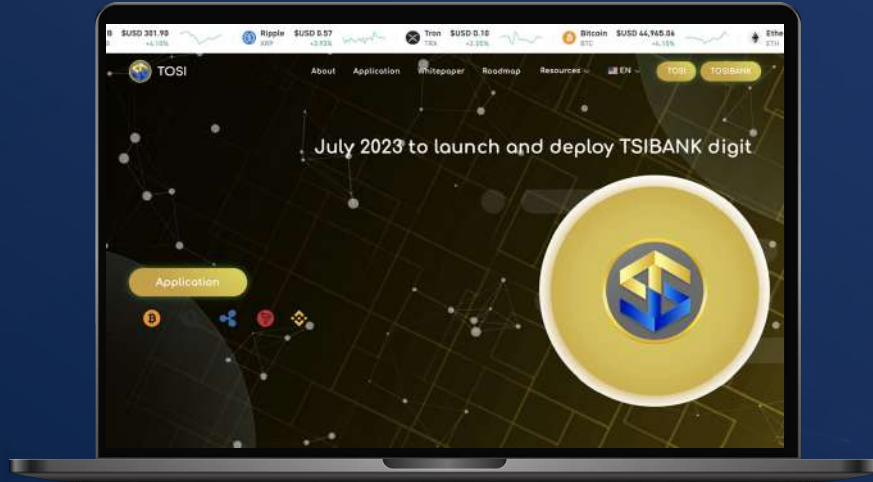
Redux



Blockchain



Highlight case studies



Tosi (TSI)

Tosi (TSI) is Japan's pioneering digital currency tailored for organic supermarket chain solutions, operating on the BEP-20 standard Binance Chain platform.

Publication destination: Web

Link: <https://graviton.xyz/>

Technology stack



NodeJS



React



Blockchain



Graviton

Graviton was founded by a team of blockchain veterans and artists, united by a mission to create a world where content creators and patrons flourish

Publication destination: Web

Link: <https://graviton.xyz/>

Technology stack



NodeJS



React



NextJS



Blockchain

Highlight case studies

Meta Life - Blockchain MMORPG game

MetaLifes is a multi-chain MMORPG game centered on decentralized social interaction and evolutionary exploration. Players assume character roles and engage in daily quests, events, PvE, and PvP battles, aided by pets.

Publication destination: Web

Link: <https://metalifes.io/>

Technology stack



JavaScript



Unity



NFT



Blockchain



Highlight case studies

Dogeon

Dogeon is our first Play-to-Earn game project on Avalanche, featuring Blockchain-based dog racing.

Publication destination: Web

Link: <https://www.dogeon.io/>

Technology stack



NodeJS



Unity



NFT



Blockchain



Highlight case studies

Funny DAO

The first community-owned decentralized reserve currency protocol on the Binance Smart Chain (BSC) network, powered by the Funny token.

Highlight functions

- Accommodation
- Food and beverages
- National tourism destinations
- Entertainments
- Expanding to Asia and worldwide

Publication destination: Web

Link: <https://funnydao.finance/>

Technology stack



Java



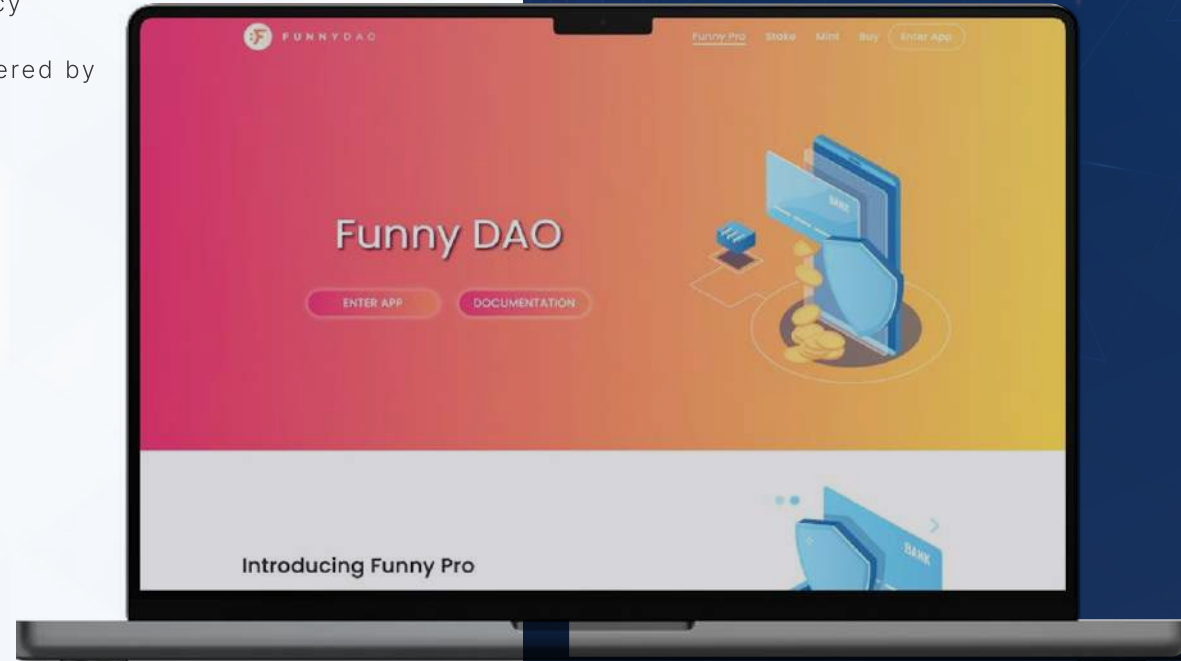
React



Blockchain



Spring Boot
RESTful API



Life at BAP



Life at BAP



Let's

BE

ADVANCED

PARTNER

Get in touch with us!



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