

# ESPERS PITCH DECK

FEB, 18 2023

Espers vision is to create a decentralized and secure layer 1 cross-chain platform for hosting websites, applications and digital content on the blockchain.

[www.espers.io](http://www.espers.io)

Pitch Deck By

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Strictly Confidential, For Recipient Only

WEB3 FRACTAL ENGINE  
**espers**

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# About Espers

Espers is a fair launch project that is 7 years in the making. We are a team of blockchain developers and enthusiasts that have dedicated our time and resources to making blockchain a better space. In 2023 we are entering the final phase of development and moving into our marketing and awareness phase. This is where we grow the partners of the Fractal Network.

## Vision

Espers envisions a world where users are able to be free of the constraints and limitations of current blockchains. We are creating an independent network in which users can be free of the fees, obstacles and risks of current platforms in the internet. Developing a space in blockchain that will be impossible to violate. Users will be able to mint NFTs directly into the Espers blockchain, trade any alt-coin cross-chain with low fees, and host their websites on chain.

## Mission

Espers goal is to offer websites stored on chain, secured messaging, an independent smart contract, NFT minting/storage network all completely on chain.



# Problems Of Today

A huge problem present currently in blockchain is the centralization of exchanges. Hackers and scammers. And the scalability of current ecosystems, which is most prominent in Ethereum.

When it comes to current internet protocols including SSL and TLS they still leave us all wanting more. Websites, servers, and even personal computers are compromised almost countless times daily even with the best practices implemented and security protocols followed. This is because much of the traffic that is speeding through the world wide web is not encrypted or secured in any way. More reputable websites and companies make sure to use some sort of encryption for traffic with their website(s), but even then a compromised server or network can cause the whole system to come down potentially jeopardising client information, business information, and sensitive data.



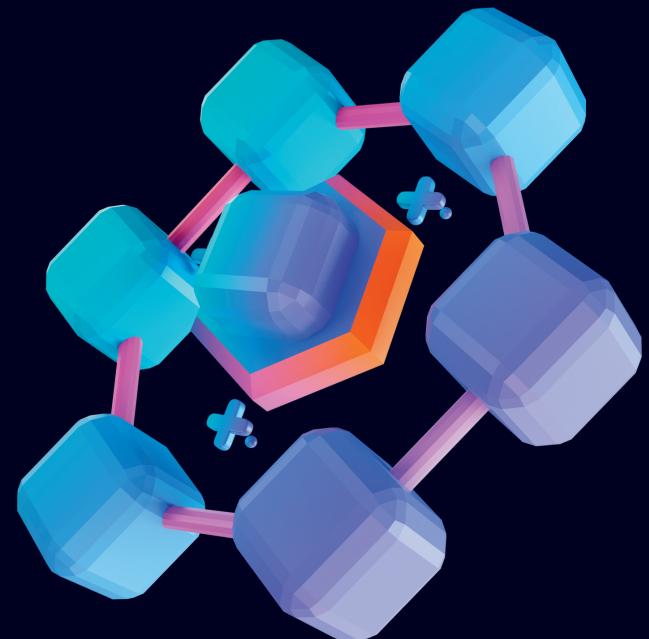
- Security
- Scalability
- Centralization
- Web Hosting Limitations / Vulnerabilities

# We Are Here To Bring You The Solutions

**Impenetrable Web Sites**



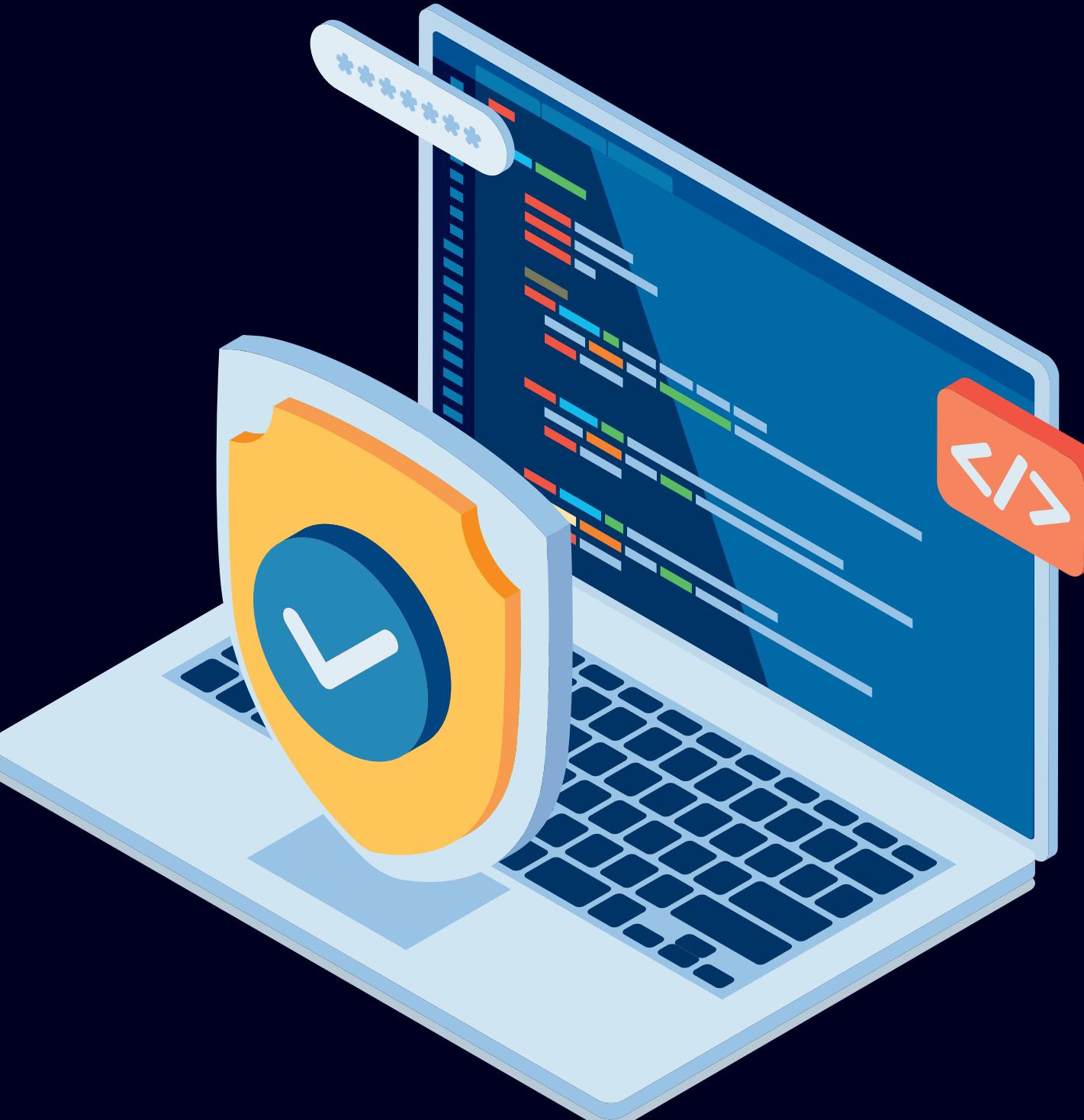
**Scalability**



**Security**



# WEBSITES ON CHAIN



Espers Blockchain will keep sites extremely safe and will make them virtually impenetrable, which is creating a new standard for website safety and security. In addition to the security improvements, Espers Blockchain will also ensure that your website is never taken down or removed, no matter what. You will also have complete control of your data, and the sites will feature faster server times.

We propose that websites and other internet related services be operated/stored/hosted through the blockchain. Going further than merely adding a layer of security, a blockchain operated website has no possibility of suffering from a DDOS attack, as there are no servers or data centers to compromise, no files to “hack”, no hosting to worry about, no domain headaches, no storage concerns, no data to intercept, the future of website hosting will be on Espers.



# WEB3 FRACTAL ENGINE

The Fractal engine is a central component of the Espers blockchain, designed to address the scalability and security issues commonly associated with blockchains. The engine allows the network to automatically increase or decrease its transactional capacity, known as transactions per second (TPS), as demand requires. This helps to ensure that the network remains both scalable and secure.

The Fractal engine works by leveraging the network's X nodes to create and manage side chains. Each X node has the capability to launch its own side chain, which can store data. The data stored on a side chain can be either permanent or "temporary". Permanent data, such as NFTs, tokens, and Site on Chain, will remain on the side chain indefinitely. Temporary data, on the other hand, will eventually be archived into the main chain.



## X - NODES & DEMI NODES



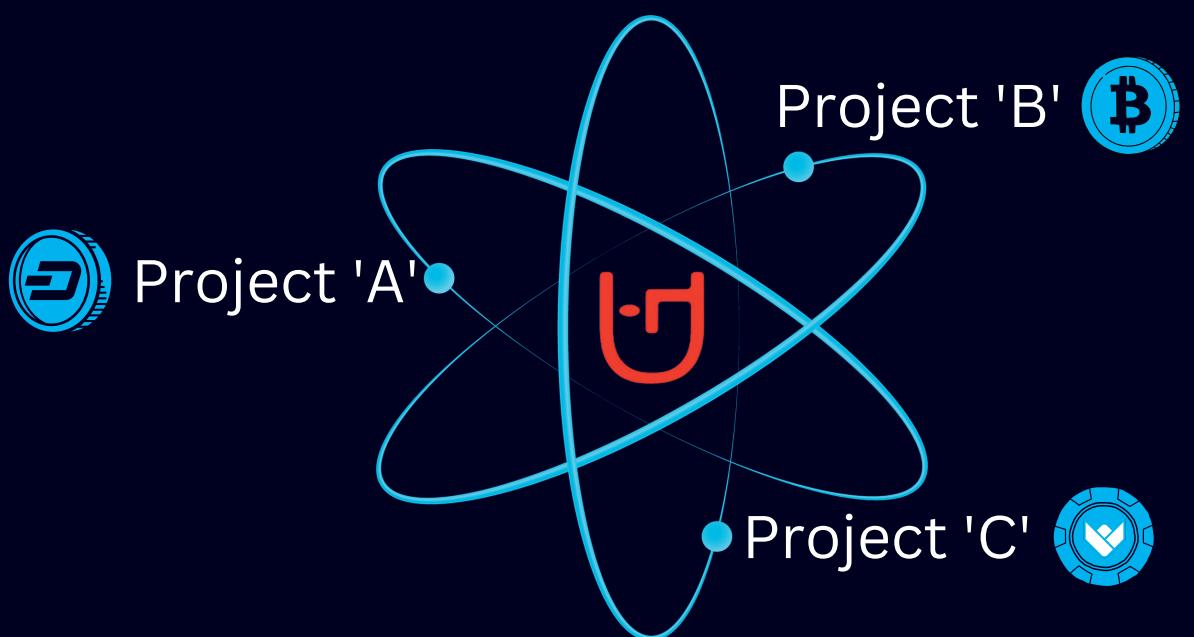
An X-node is a special type of node in the Espers blockchain network that is designed to enhance its security, scalability, and functionality. X-nodes play a crucial role in maintaining the network's consensus, confirming transactions, and hosting side chains. Completely opt-in meaning that any community member may participate in the system regardless of their current balance or previous experience. This ensures that the decentralization aspect of the Espers project and blockchain in general is not lost once again strengthening the overall network.

Demi-Nodes add a further layer of security as they are able to adapt to the network and make intelligent decisions on what to do during syncing or accepting blocks as well as handling possible splits from the main network's chain much more smoothly than forcing a user to resync. Moving from v1 to v2 will allow the demi-nodes themselves to talk to each other and compare consensus forks/chains amongst each other to further improve reliability and security.

# UUNIGATE PLATFORM

UUNIGATE is our version of "OpenSea" or "CNFT.io". It is not required for our systems to work at all, nor does our blockchain rely on it in anyway. This goes for all blockchain networks that are already "listed" and part of it. So it offers a web based user accessible system to handle minting, trading and management of smart-contracts/NFTs.

The UUNIGATE website offers members of any project integrated with UUNIGATE to use something other than their native wallet to buy, mint and trade NFTs. This allows them to break free of the need for downloaded software wallet/client applications and provides a greater convenience for each community. Fees involved while using UUNIGATE are paid in any currency the user wishes, however there will be a discount if paid using \$ESP.



# Product Revenue



## PubKey Alias Service

It works by charging the user a fee for the network processing data much like sending a standard transaction. This fee and a registration note on the fee's transaction are registered with the rest of the network and hosted by nodes. The fees are currently designed to renew annually from the initial block date that it was registered in, much like a domain name people are already used to buying and using.

## In Wallet NFTs/SmartContracts

Espers will be required as fees for users to mint their NFTs direct into the blockchain, this can all be done in the Espers wallet. NFTs made simple.

## UNIGATE

Paying in \$ESP will give a discount on the platform fees.

# Market Fit

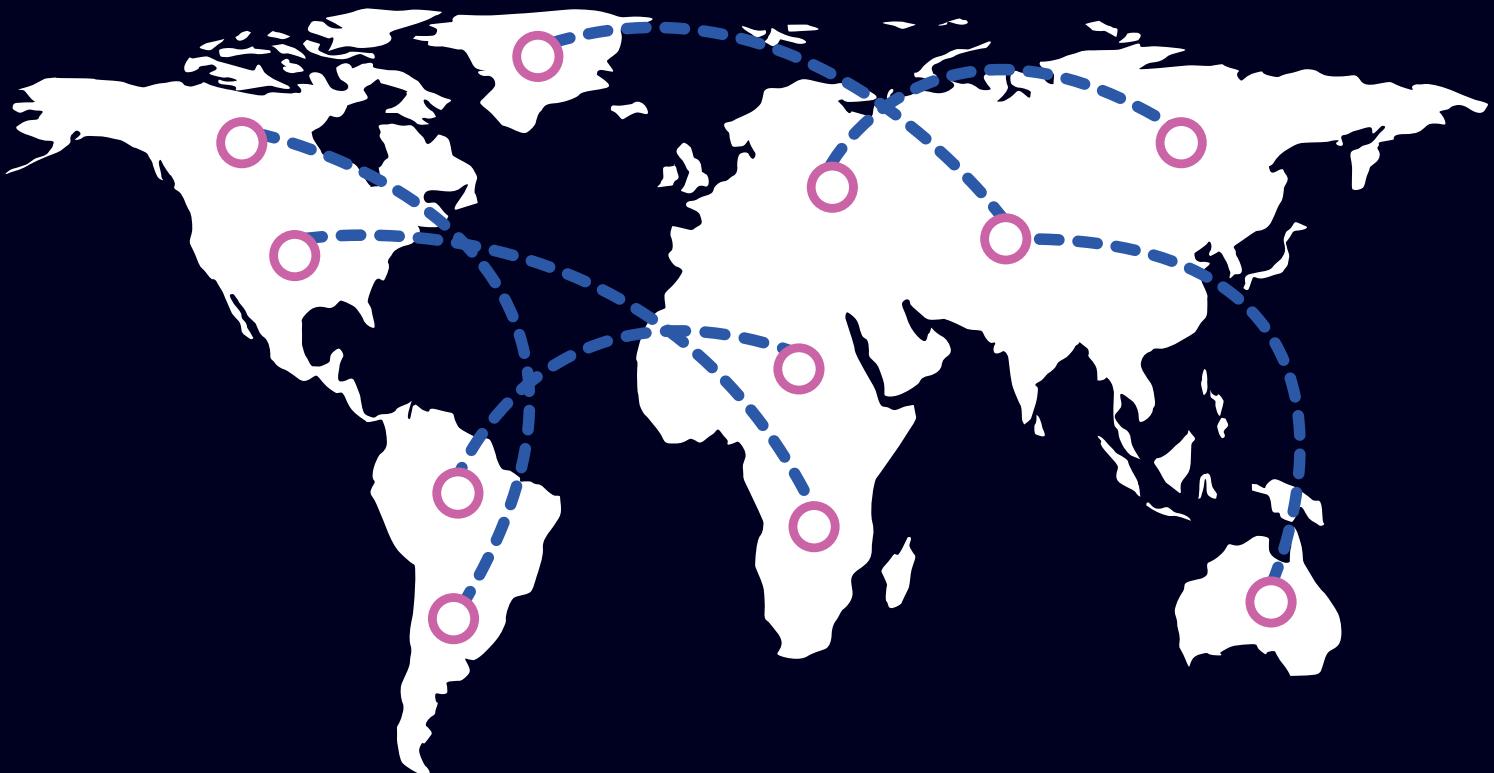
As of July 2021, there were more than 1.2 billion hostnames registered online.

In 2019, the web hosting industry market size was valued at \$56.7 billion

## ESP.DOMAINS

- NO DDOS
- NO HACKS
- NO DOWNTIME

Espers is perfectly positioned to capitalise on a growing industry with our first of its kind technology to revolutionise the web hosting industry.



By 2027, the web hosting industry market size is forecasted to grow to \$171.4 billion

# Competitive Advantage



## Scalability

Unlimited scalability via our WEB3 Fractal Engine.



## Cross Chain

Any token, any NFT, any project cross-chain via the UUNITGATE portal.



## Websites on Blockchain

Host your website direct on chain and make them virtually impenetrable.



## Low Cost

Take advantage of low fees provided by the Espers blockchain.



## In Wallet NFTs

Mint NFTs direct into the blockchain from your Espers wallet.



## In Wallet Smart Contracts

Launch smart contracts direct from your Espers wallet.



# COMPETITOR ANALYSIS

	SCALING TPS	WEBSITE HOSTING	CROSSCHAIN	CONSENSUS
ESPERS	UNLIMITED	✓	✓	POS/POW
NEAR	100,000	✗	✗	POS
POLKADOT	166	✗	✓	POS
ETHEREUM	10	✗	✗	POS

# TOKEN ECONOMY

Token Symbol: \$ESP

Max Supply: 50 Billion reached in 2046.

Circulating Supply: 27,481,660,652

Current Price: \$0.000119

MC: 3.27M

## USE CASES

- \$ESP will be used for payments to use the PAS, discounted fees on UUNIGATE and to mint in wallet NFTs/Smart Contracts.
- \$ESP can be staked to help secure the network and earn passive rewards.
- Governance - Have your say in the platform developments

# Product Progress Report



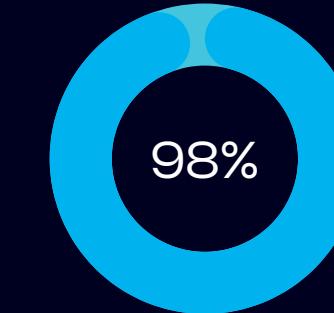
Fractal Multi-Chain Engine



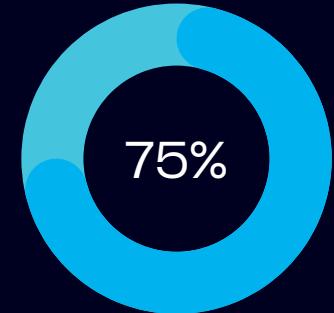
X-Nodes



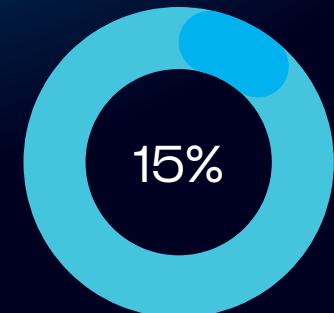
Demi-Nodes v2



PoSv4 Overhaul



Web-Client



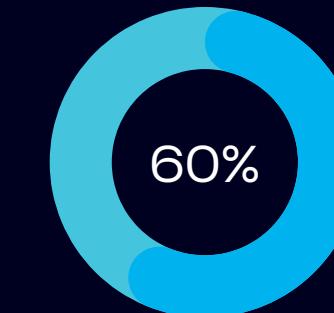
Smart Contracts V2



Website On Chain



Pubkey Alias Service



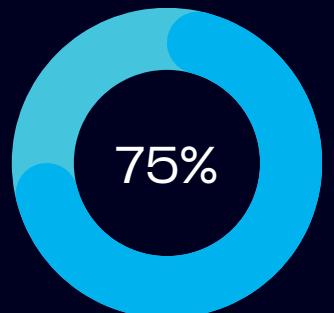
Secured Messaging



Whitepaper Update



Mobile-Client



Desktop-Client Overhaul



Whitepaper Update

# Jonathan Zaretsky

Founder & Lead Dev of Espers



## Why Jonathan?

- Shortly after entering the world of blockchain technology in late 2014, Jonathan became aware of vast shortcomings in many of the projects released at the time. This led him to search for and to become involved with a group of people who were willing to focus on cleaning up and reviving projects. As this team grew and evolved it became apparent that beyond helping other communities it was time to build something that had his vision in mind. Finally, on April 12th 2016 Jon created the Espers project which became the main focus for development and features since its creation.
- Extensive experience with C/C++, Python, JAVA, HTML5, CSS3, Javascript, PHP
- Jon has been involved and contributed to over 23 Crypto projects.
- A quote from our leader Jonathan "I believe I'm the right man for the job because simply put no one else apparently thinks the way I do because I have already built features that most people don't think of, yet they have already proven crucial for our blockchain and would benefit any that would choose to use any of the features created. Most simply do not trust unique code or features built from scratch the way ours are. If it's not something a big name made they won't clone it"

# The Team



**JONATHAN ZARETSKY**  
**Founder / Lead Dev**



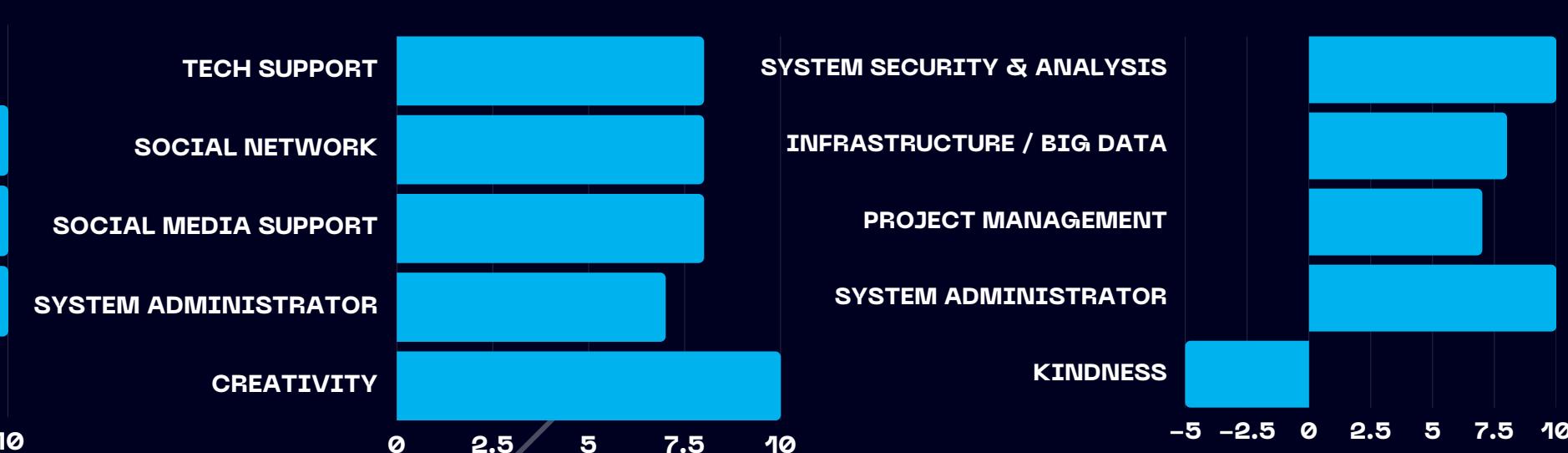
**MICHAEL BOS**  
**Dev / Project Manager**



**ROMAN AKA BIT010**  
**Social Media / Public Relations**



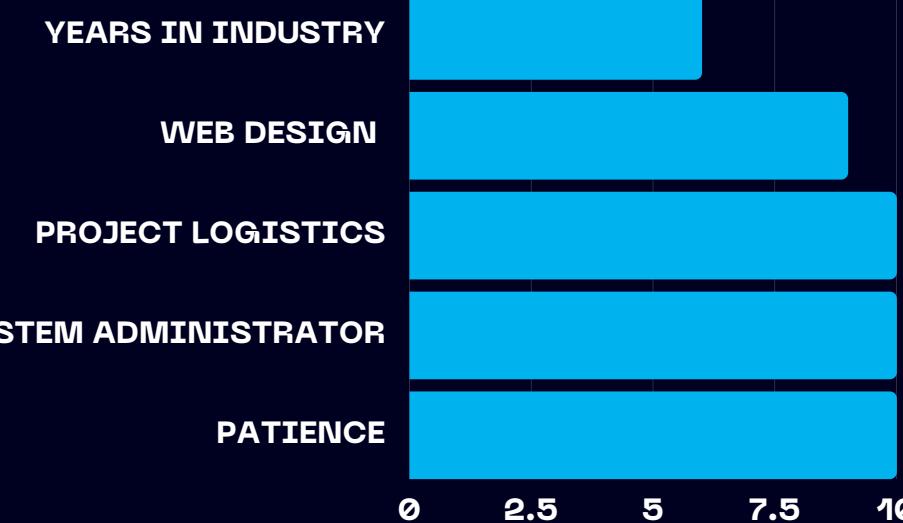
**VINTER**  
**Tech Support / Public Relations**



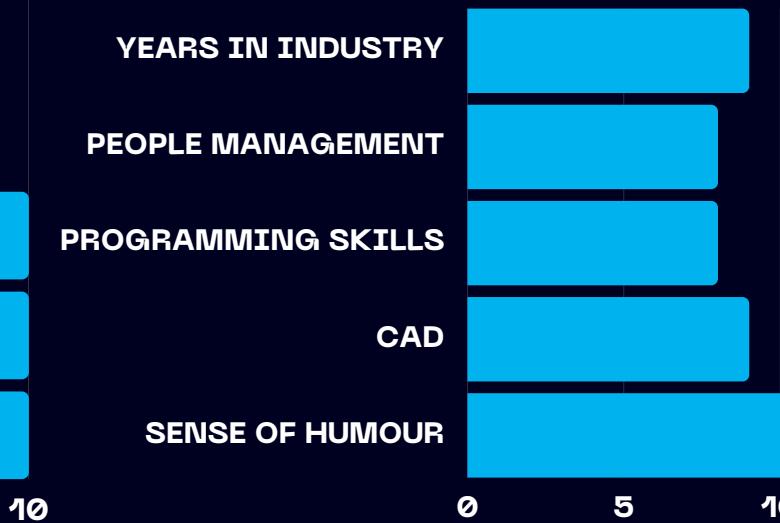


**ANTONIO BATISTA**

**Project Logistics / Web Dev**



**MONOXIDE**  
**Assistant Project Manager / Public Relations**



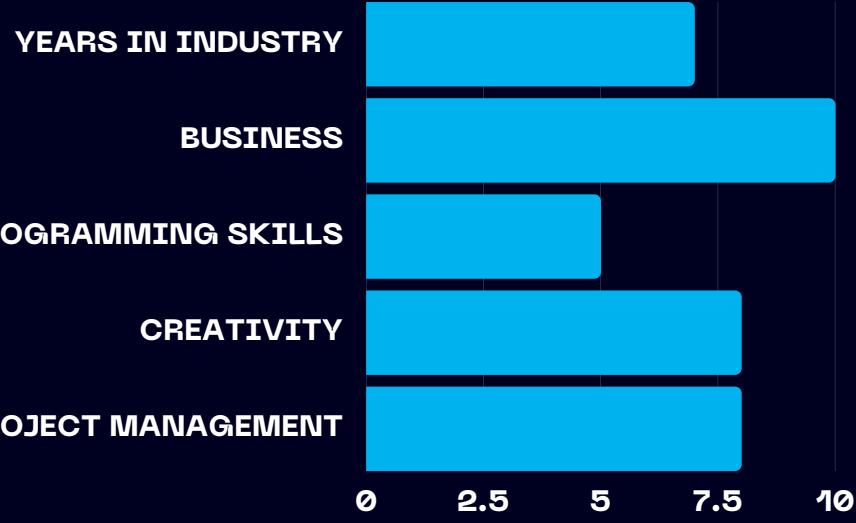
**STEPHANIE CASALI**

**CMO**



**DXGOLD**

**Business Dev**



# The Advisors



**ANDREU VARGAS**  
**Advisor**



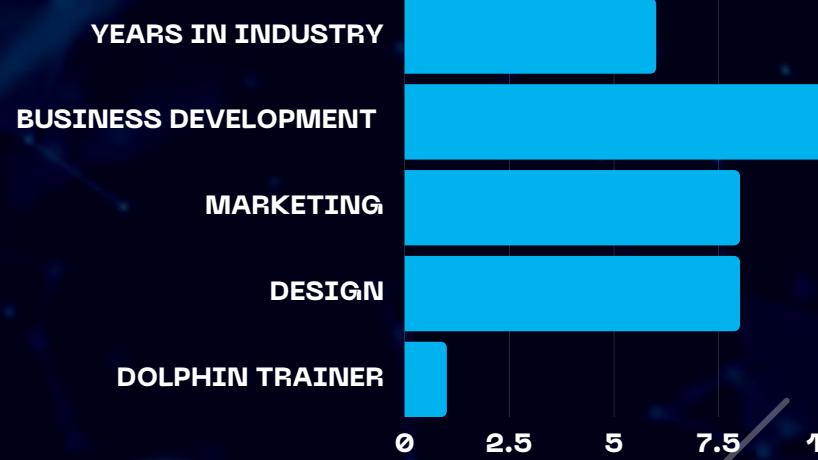
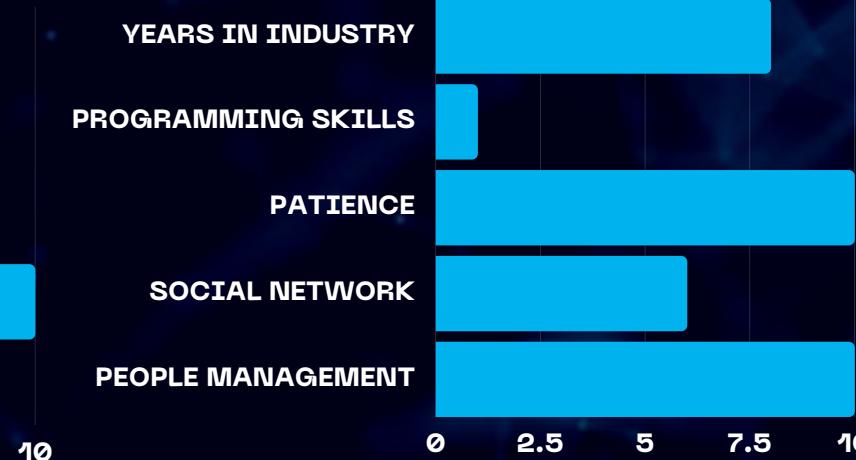
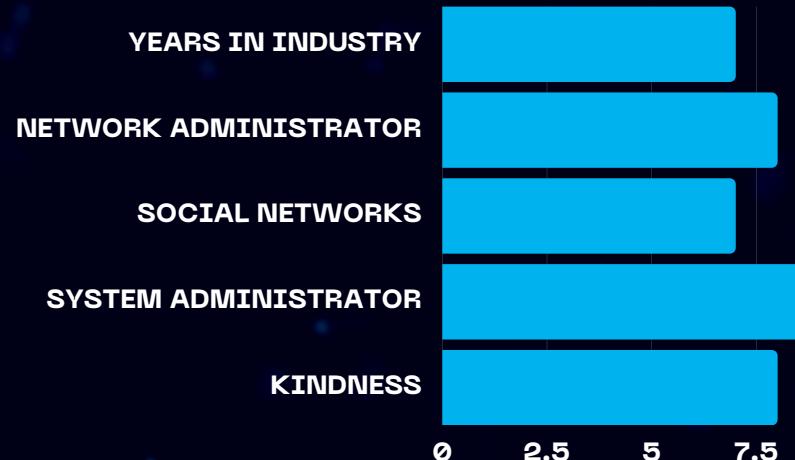
**PHILIP BRISCOE**  
**Advisor**



**ANDREW FENNELL**  
**Advisor**



**VEGETA**  
**Advisor**



# Contact Us

If you would like to speak to one of our team to learn more or work with us, please see below where you can reach out to us.



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