



**NULS**



# **BEFORE WE START**

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# **A QUICK INTRODUCTION**

Building something monumental, whether in a physical, digital or in the blockchain space, is not as hard as it used to be. Now all you need is a team of talented professionals, a foundation of experience and a great idea.

We draw your attention to the parallels between building an innovative skyscraper like the Burj Khalifa, the world's tallest building, and operating with NULS development platform, to construct your innovative blockchain product.





# **SKYSCRAPER INNOVATION**

Rising 1,821 feet and touching the sky, Guangdong's Ping An Insurance building seemed like an impossible feat until recently.

Harnessing construction techniques from past innovations architects were able to use this as a foundation, envisage something groundbreaking and bring new ideas to life.



Ten thousand years ago, wood and animals' bones were used to build simple homes.



Three thousand years ago, steel and stones became commonplace in construction.

That is when the magnificent great pyramids were built.



In the mid 1800's, reinforced concrete allowed architects to build multi-story buildings, like The Home Insurance Building in Chicago.



Improvements in technology mean that buildings today like Shanghai Tower, can stand at 130 stories tall.



The Burj Khalifa did not come out of anywhere but was assembled upon the innovations made by previous feats.

Similarly, with innovation and blockchain expertise, the NULS platform empowers you to employ advanced technologies and develop that market-leading product.

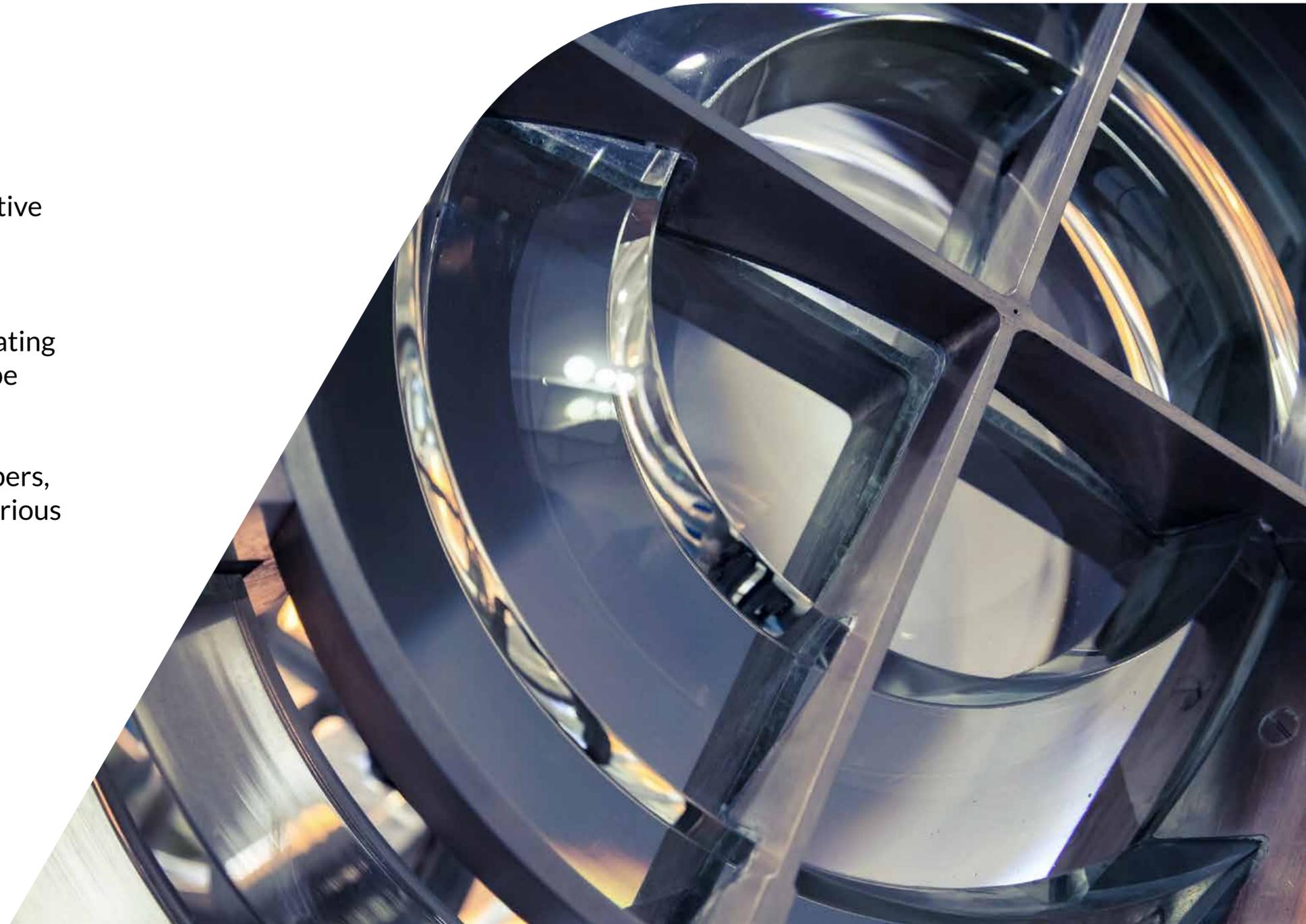
Built on proof of credit (energy efficiency), we have pluggable modules, we are cross-chain capable, we have smart-contracts in Java - no need to use Solidity, and we offer POCMs. Most of the code is in Java, so there's no need to learn other languages.

# **FIND YOUR PERFECT TEAM**

To build an innovative skyscraper, you need a detailed plan, creative innovation and an experienced, professional team.

Hundreds of experts are required to map out every little detail, undertaking activities such as looking for suitable ground, calculating wind resistance and estimating the combination of materials to be used.

Architects, civil engineers, interior designers, landscapers, plumbers, electricians, city officials and financiers then work together at various stages to bring the idea to life.





# ***NULS: YOUR PERFECT TEAM***

With NULS, we have already gathered a highly qualified team for you by coordinating the efforts of systems architects, developers, designers, financial executives and administrative staff to deliver a world-class platform using microservices, NERVE and POCCM.

Developers can use these services to streamline and quicken the development of blockchain apps to go to market.



# **PARALLEL, CROSS-FUNCTIONAL TEAM DEVELOPMENT**

This planning allows you to develop modules in apps simultaneously without waiting for other components to be finished (think parallel instead of serial development).

This makes it more straightforward for you to organize your development in modular components, and easier to root out issues or bugs.

***THE NULS PLATFORM  
IS AN **A-LIST TEAM** THAT  
STANDS BEHIND YOURS***



# **LAY THE FOUNDATION**

Every construction project starts with a blank canvas where you lay the groundwork and foundation.

The foundation may be the most expensive part of any project, especially with a grand design. The bigger your vision, the more effort needs to be put into the base.

Think of the amount of stability a skyscraper needs to stand up to immense wind pressure, floods, earthquakes, and powerful storms.

With NULS, you get a company that sets a new industry standard in facilitating blockchain adoption. Our battle-tested platform provides the perfect foundation to build your application, make sure your innovation blockchain application stands out from your competition, even in the stormiest of market conditions.

Based on microservices, the NULS platform is easier and faster to develop apps. It also means its easier to find issues or bugs as you debug code, and its easier to maintain.





# MICROSERVICE ARCHITECTURE

Microservices allows you to scale up much more quickly and allows you to organize around business capabilities. You can organize around autonomous cross-functional teams, just like a construction site with independent, parallel work being performed.

If you have a large project, need quick and autonomous delivery, plan to scale your solution or need to frequently update separate parts of your system, microservices are your best bet.

# **INSTALL THE FOOTINGS**

With the perfect foundation in place, it is time to spread out the weight of your future structure. At this point, construction workers on a building site install the footings and set the concrete. Without these fundamental resources, the structure wouldn't be able to withstand any pressure.





# **EASE OF USE**

NULS handles the workload of your application with a platform that provides fluid, cost-effective and time-saving solutions for developers with no previous blockchain experience. We make it easy for developers to create modules for any purpose quickly.

A firm foundation based on the work of thousands of people means you don't have to worry about whether the construction is sustainable. So set up your variables and process modules with a view of what is to come next, rather than having to keep looking back.



# **RAISE** **THE FRAME**

The first skyscraper in Chicago was originally only 138 feet tall. The rebuilt World Trade Center in New York is 1776 feet tall. Although a considerable difference, both are charted as landmark milestones for the industry.



# **HIGHLY SCALABLE**

Your future app can be that next technological landmark. It might change how people do business, propelling you to great success at the same time. NULS ensures that no matter how many lines of code your app contains, it will be stable, functional and above all, scalable!

With NULS you can quickly grow your product without starting from scratch.





The frame needs to showcase the innovative design of your application, for a blockchain application that may mean the application's user-interface, workflow and graphic visualization that delights customers.

The quality of your frame's design speaks volumes to the quality of the construction as a whole.

If a user sees quality design, that user knows you've taken the time to root out all the bugs to make the application customer-ready, and has spent time understanding user-interface workflow and customer journey to make the experience logical, effortless, simple and enjoyable.



# **KEEP IT MOVING**

The skyscraper would be a hollow shell without carefully thought-out inner elements such as staircases, corridors, air conditioning, heating, electrical systems and drainage systems.

Elevators are one of the critical parts of the design as they connect all the features of the skyscraper, providing access and logistics throughout.



# **CROSS-CHAIN CONNECTIVITY**

In building an application, development teams must also work with different internal parts. Modules must be integrated to ensure that all processes are handled correctly, database architecture procedures are efficient and optimized, and programming comments are explicit.

Here, NERVE is like an elevator that provides cross-chain connectivity and development. It lets developers get effortlessly from one floor to the next.





# **TIME TO CELEBRATE**

In January of 2010, the opening ceremony of the Burj Khalifa attracted guests from all over the world. The fireworks were seen at a distance of more than 60 miles. Billions of people watched the ceremony on TV.

After working with NULS, you will have just as much of a reason to celebrate. You will launch your innovative blockchain application, and the world will know you have arrived!

# **OUR LEADERS**

Our global team of business and technology experts are committed to blockchain, decentralization, and community-building.

NULS has dual headquarters in Chongqing, China and San Jose, California with a dedicated, expanding team of developers throughout Europe. Our team is making the dream of mass adoption an open-sourced reality.



**Reaper Ran**  
Community Management Director  
and Co-founder



**Lily Wang**  
Business Development,  
Co-founder



**Niels Wang**  
Director of Technology



**Mario Blacutt**  
NULS West Regional Director  
and NerveNetwork Co-Founder



**Patric Vogel**  
VP Brand Management &  
Marketing Communication



**Al Leong**  
Marketing Advisor



# **OUR CORE PRODUCTS**

NULS 2.0 is designed to provide high performance, enterprise-grade blockchains by leveraging all the benefits of modular architecture and microservices. Making modules requires minimum blockchain experience with no coding language restrictions.





# **MICROSERVICE ARCHITECTURE**

The microservice-layer design of NULS makes it easy for developers to create modules for anything quickly. NULS provides fluid, cost-effective, time-saving solutions for developers with minimum blockchain experience.



# **NULS**

# **CHAINBOX**

NULS ChainBox solution provides developers with an out-of-the-box blockchain, using our quick-start engine. Chains can then be customized for any purpose by selecting and deploying additional modules from the Module Warehouse.





# **NULS** **CHAINFACTORY**

ChainFactory is a user interface that allows developers to build a new chain or enhance an existing chain by automatically deploying modules selected from a warehouse of endless modular solutions.

# **PROOF OF CREDIT MINING**

POCM (Proof of Credit Mining) is an SCO Platform that allows projects to use smart-contracts to issue and distribute project tokens on blockchains.

Have you got NULS? Stake into a project's nodes and earn their token as a reward, while the project earns NULS as a reward.

Projects can use the NULS consensus rewards to bootstrap and help fund development. Unlike IEOs and ICOs, stakers never risk their principal, and NULS never leave their wallet. Earn project tokens while your device is off! As a universal SCO Platform, POCM can be used to issue and distribute tokens and assets from any public chain in any blockchain ecosystem.



## Strategic Investors



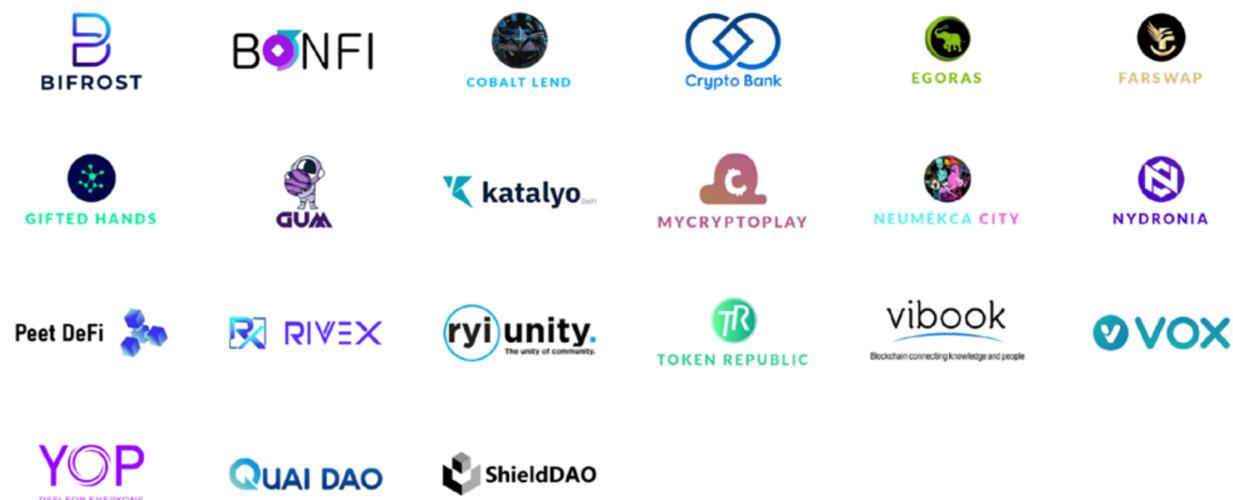
## Exchange/Liquidity

Centralized and decentralized exchanges participating in the Nerve ecosystem. Each company has a specific agreement with NULS and Nerve to enable a more flexible and beneficial ecosystem and user experience.



## DeFi

Projects in the business and finance area.



## Wallet

These wallets are developed by NULS or Nerve or are created by other companies and tested by NULS or Nerve.



## NFT/Gaming

Projects focused on NFT related services or entertainment.



## Infrastructure

Companies and SCO projects providing a better today and tomorrow by creating services that utilize the blockchain infrastructure.



 **TRUSTED BY OUR PARTNERS**

# GET IN TOUCH



[twitter.com/Nuls](https://twitter.com/Nuls)



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NULS Foundation  
195 PEARL'S HILL TERRACE  
#02-65,SINGAPORE(168976)



MAKING IT EASIER TO INNOVATE