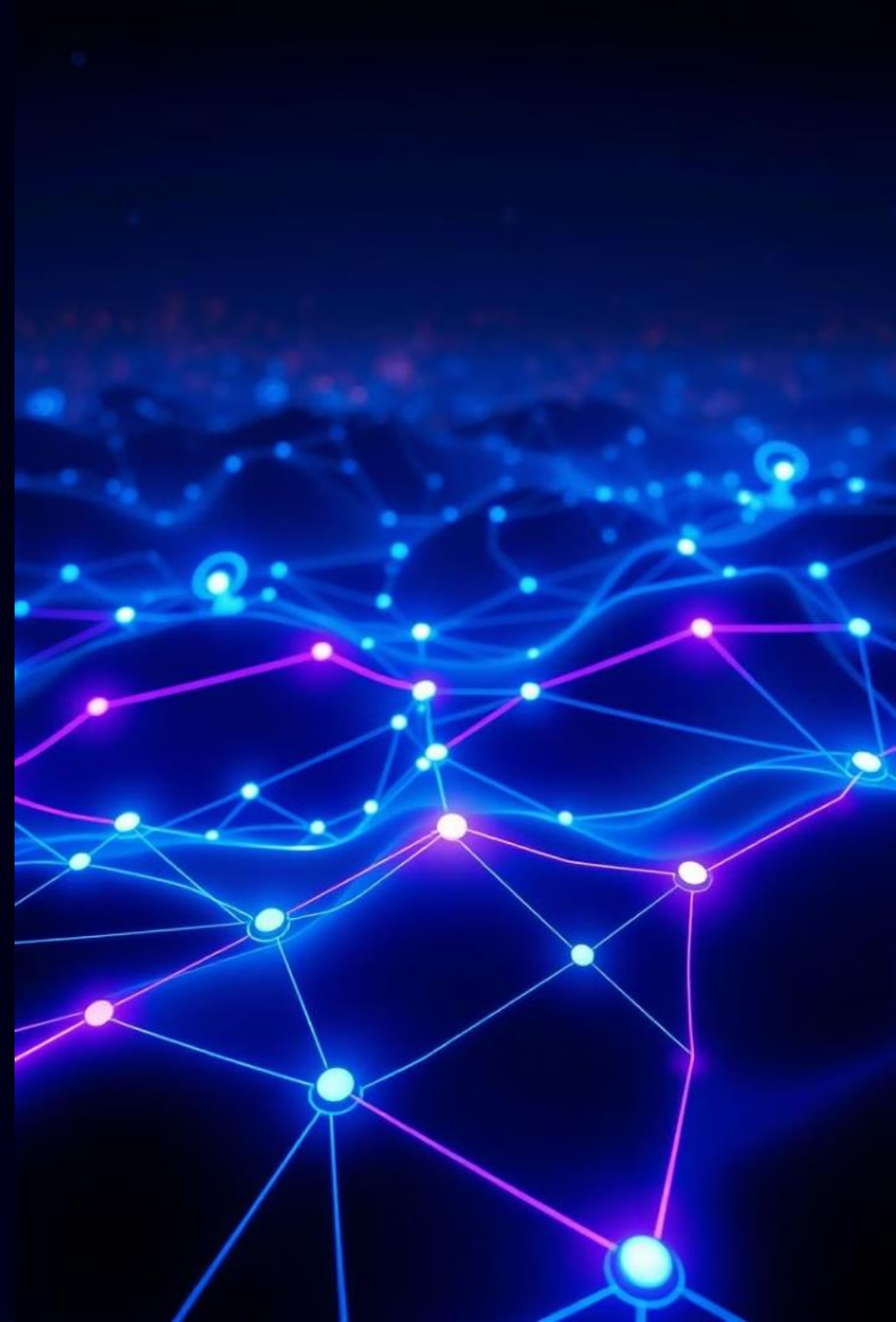


# Web2 vs Web3: The Evolution of the Internet

The internet is evolving. Web2 and Web3 represent distinct paradigms in online interaction and data management. This presentation explores their differences, implications, and the future of our digital world.





# What is Web2?



## Cloud Computing

Centralized data storage and processing power enable scalable web services.



## Mobile-First

Responsive design prioritizes seamless experiences across devices.



## Social Networking

Platforms connect users globally, facilitating content sharing and interaction.

# Limitations of Web2

## 1 Centralized Control

Tech giants hold disproportionate power over user data and online experiences.

## 2 Privacy Concerns

Personal information is often exploited for targeted advertising and profit.

## 3 Content Censorship

Platforms can arbitrarily remove or suppress user-generated content.





# Introduction to Web3

1

## Origins

Web3 emerges from blockchain technology and cryptocurrency innovations.

2

## Vision

A decentralized internet where users control their data and digital identities.

3

## Implementation

Developers create dApps and protocols to realize Web3 principles.





# Key Principles of Web3

## Decentralization

Distributed networks eliminate single points of failure and central authorities.

## Transparency

Open-source code and public blockchains ensure accountability and trust.

## User Empowerment

Individuals gain true ownership and control over their digital assets.

# Decentralization and Blockchain

## Blockchain Technology

Immutable, distributed ledgers record transactions securely and transparently.

## Smart Contracts

Self-executing agreements automate processes without intermediaries.

## Tokenization

Digital assets represent real-world value, enabling new economic models.



# Benefits of Web3

1

## Data Sovereignty

Users have full control over their personal information and digital identities.

2

## Censorship Resistance

Decentralized networks make content removal or suppression nearly impossible.

3

## Financial Inclusion

Cryptocurrency and DeFi provide banking services to the unbanked globally.

# Challenges and Adoption

## Scalability

Improving transaction speed and capacity

## User Experience

Simplifying complex interfaces and processes

## Regulation

Navigating evolving legal frameworks

## Energy Consumption

Addressing environmental concerns of blockchain networks





# The Future of the Internet



## Immersive Experiences

VR and AR integrate seamlessly with Web3, creating new realities.



## AI Integration

Decentralized AI enhances user experiences while preserving privacy.



## Internet of Things

Web3 protocols enable secure, autonomous device interactions.



# Conclusion

1

## Paradigm Shift

Web3 represents a fundamental change in how we interact online.

2

## Ongoing Evolution

The transition from Web2 to Web3 will be gradual and transformative.

3

## User-Centric Future

Embracing Web3 principles can lead to a more equitable digital world.