

Web 3.0 Implementation

Design, Code, Test, Deploy



TechUnity is leading digital transformation initiatives through the implementation of Web 3.0 technologies such as Blockchain, Smart Contracts, NFT's, DeFi, DAO, and several others.

The Asia Pacific region is projected for the fastest growth in the Web 3.0 market, fueled by the rapid adoption of Blockchain and Decentralized Finance in sectors like Retail, Healthcare, and Pharma.

438 startups associated with Web 3.0 technologies have collectively received over \$4.5 billion in funding since the beginning of 2023.

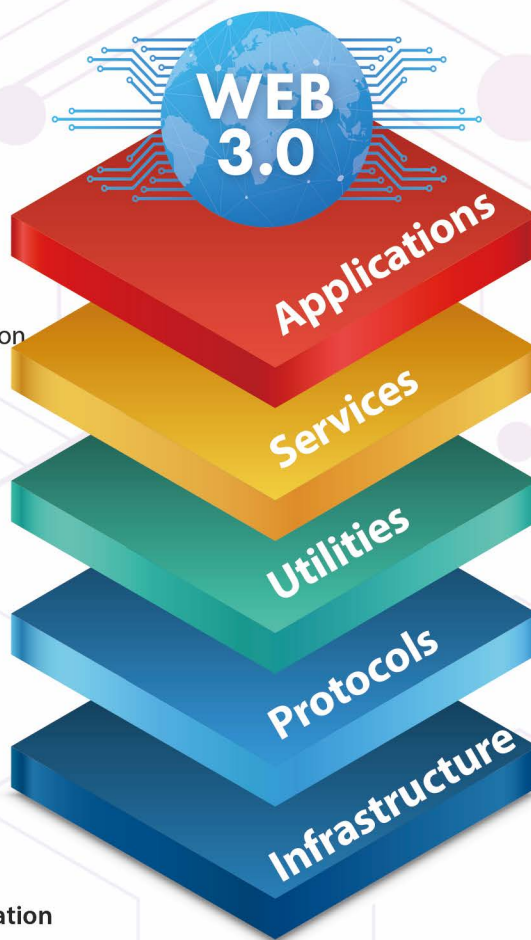
Web 3.0 Growth

- **Financial Services**
DeFi Platforms, Tokenization
- **Supply Chain**
Chain Transparency, Smart Contracts
- **Real Estate**
NFTs for Titles, Decentralized Listings
- **Government**
Voting Systems, Digital Identities
- **Security and Identity**
Biometric ID, Blockchain Authentication

Web 3.0 Applications

- **Cryptocurrency**
Bitcoin, Dash, Monero
- **Virtual Reality / Metaverse**
The Sandbox, Decentraland
- **Non-Fungible Tokens**
Mintable, Foundation, Zora
- **Decentralized Finance (DeFi)**
Uniswap, Balancer, Compound
- **Decentralized Autonomous Organization**
Colony, MolochDAO, SushiSwap

In Q1 2023, 315 brands launched a total of 526 Web 3.0 projects, indicating growing enterprise interest in blockchain technologies.



Web 3.0 Best Practices

- **Decentralization**
Distribute Across Multiple Nodes
- **Self Governance**
Community-driven Decision Making
- **Data Sovereignty**
User Control Over Personal Data
- **Interoperability**
Seamless Network Interaction
- **Sustainability**
Eco-Friendly Consensus Mechanisms

Web 3.0 Tech Stack

- **Application Layer**
dApps, Solidity, Vyper
- **Service Layer**
DAOs, Chainlink, MetaMask
- **Utilities Layer**
EVM, Polkadot, Lightning Network
- **Protocol Layer**
IPFS, Libp2p, Ethereum 2.0 []
- **Infrastructure Layer**
Proof of Work, Proof of Stake, Nodes

Through Web 3.0 technologies, metaverse virtual spaces are gaining momentum. Virtual worlds like The Sandbox, Decentraland, and Cryptovoxels are flourishing.

We encourage you to contact us so we can organize a Web 3.0 demo in an area such as Smart Contracts, Crypto Payments, and dApps. Experiencing our Web 3.0 solutions firsthand will provide you with a deeper understanding of their potential impact in your specific industry.