arubaverse.io

Version 2.0

exprodesk
"Export Authority"

FULL STACK VISION FND

Introduction of Web 1,2, & 3

If Web 1.0 consisted of a small group of individuals producing material for a bigger audience, Web 2.0 consists of many individuals producing even more content for an expanding audience. Web 2.0 places more emphasis on participation and contribution than Web 1.0 did on reading.

User-Generated Content (UGC), usability, interaction, and enhanced connectivity with other systems and devices are the main focuses of this Internet form. In Web 2.0, the experience of the user is everything. As a result, this Web form was in charge of establishing social media, collaborations, and communities. Web 2.0 is therefore regarded as the dominant method of web interaction for the majority of users in today's world.

Web 2.0 is described as "the participative social Web," whereas Web 1.0 was referred to as "the read-only Web." With the incorporation of web browser technologies like JavaScript frameworks, Web 2.0 is an improved and expanded version of its predecessor.

The typical traits of Web 2.0 are broken down as follows:

- *It includes dynamic content that reacts to user input*
- *It uses developed application programming interfaces (API)*
- *It encourages self-use and allows forms of interaction like podcasting, social media, tagging, blogging, commenting, curating with RSS, social networking, and web content voting*
- *It offers free information sorting, allowing users to retrieve and classify data collectively*
- *It employs developed application programming interfaces (API)*
- *It uses developed information; it is used by society as a whole and is not just specific communities.*

Web 3.0 Explained

It's the internet's natural progression. Web 3.0 has not yet been given a formal definition, it does have several distinguishing characteristics: -

- **Decentralization:** A fundamental principle of **Web 3.0**. In Web 2.0, computers search for data that is kept at a fixed location, typically on a single server, using HTTP in the form of distinct web addresses. Information might be stored simultaneously in numerous locations and become decentralized with Web 3.0 since it would be found based on its content rather than a single location. This would give individuals more power by dismantling the enormous databases that internet goliaths like Meta and Google presently maintain.

- **With Web 3.0,** users will be able to sell their own data through decentralized data (blockchain) networks, ensuring that they maintain ownership control. This data will be produced by various powerful computing resources, such as mobile phones, desktop computers, appliances, automobiles, and sensors.

- **Decentralization and (blockchain) based, Web 3.0** will also be trustless (i.e., participants will be able to interact directly without going via a trusted intermediary) and permissionless (meaning that each individual can access without any governing body's permission). This means that Web 3.0 applications—also known as dApps—will operate on blockchains, decentralized peer-to-peer networks, or a hybrid of the two —such decentralized apps are referred to as dApps.

- **Artificial intelligence (AI) and machine learning:** With the help of the Semantic Web and natural language processing-based technologies, Web 3.0 will enable machines to comprehend information similarly to humans. Web 3.0 will also make use of machine learning, a subset of artificial intelligence (AI) that mimics human learning by using data and algorithms, gradually improving its accuracy. Instead of just targeted advertising, which makes up the majority of present efforts, these capabilities will result in faster and more relevant outcomes in a variety of fields like medical development and new materials.

- **Connectivity and ubiquity:** With Web 3.0, content and information are more accessible across applications and with a growing number of commonplace devices connected to the internet. The Internet of Things is one such example.

Computacional Pillars | Base Knowledge

Advocate for computational thinking, Technology IQ, Web 3.0 within the Small and Medium Enterprises (SMEs) and professional community in Aruba. Provide accessible support for learning and skill development in the following pillars:

- **Artificial Intelligence:** Promote awareness of AI technologies and their potential to optimize processes, enhance customer experiences, and drive innovation.
- **Computing Systems:** Promote understanding of computing systems and their practical applications, emphasizing how they can benefit SMEs and professionals.
- **Networks:** Advocate for the importance of networks and connectivity in driving business growth and enhancing communication and collaboration.
- **Creating Media:** Empower SMEs and professionals to effectively create and leverage digital media for marketing, branding, and communication purposes.
- **Algorithms and Data Structures:** Simplify complex concepts of algorithms and data structures, demonstrating their relevance in problem-solving and decision-making
- **Data and Information:** Highlight the value of data-driven decision-making and offer guidance on managing and analyzing data for business insights.
- **Impact of Technology:** Advocate for responsible technology adoption, considering the societal, ethical, and economic implications for SMEs and professionals.
- **Design and Development:** Encourage user-centric design principles and development methodologies that enhance user experience and support business goals.
- **Safety and Security:** Raise awareness about the importance of cybersecurity measures and best practices for protecting business data and digital assets.
- **Effective Use of Tools:** Provide guidance on selecting and utilizing technology tools that improve productivity, collaboration, and overall efficiency

Through advocacy and a user-friendly approach, this revised version ensures that the project aligns with the needs of SMEs, professionals, and individuals with limited technical expertise. It aims to empower them to leverage computational thinking and technology (like AI & Blockchain) effectively, fostering their growth and success in the digital landscape.

Growing the Community

Prioritize growing the community of blockchain participants, starting with the **Arubaverse meetup group.**

Host regular meetups to facilitate networking, education, and collaboration among members.

Focus on growing the membership base of the Arubaverse on meetup.org.

Provide educational resources and workshops to help members learn about technology and Web 3.0

Share relevant news and updates in the blockchain and cryptocurrency space to keep the community informed.

Promote safe practices and educate members about security measures in the Web 3.0 space.

Drive adoption of blockchain technology and cryptocurrencies within the Aruban community through awareness campaigns and educational initiatives.

Encourage members to create and contribute to blockchain projects, fostering innovation and practical applications of the technology.

Promote computational concepts and principles, ensuring members develop a solid understanding of the underlying technologies powering blockchain and Web 3.0.

Support the creative industry by exploring how blockchain and Web 3.0 can benefit artists, entrepreneurs, and businesses in terms of intellectual property rights, provenance, and digital asset management.

Encourage experimentation with blockchain and Web 3.0 marketing strategies, enabling members to explore new avenues for promotion, engagement, and customer interaction.

Timeline 7 Months

Having monthly meetups using the meetup.com platform in different strategic locations. Hosting costs will be provided by Full Stack Vision FND and also provide expert blockchain content and small projects for our target audience (participants)

Month 1 - Aug 2023

Month 2 - Sept 2023

Month 3 - Nov 2023

Dec 2023 Break

Month 4 - Jan 2024

Month 5 - Feb 2024

Month 6 - March 2024

Content Plan

Computacional Thinking Workshops

NFT Workshops for Artists

Increase Collaborations with Local Stakeholders/Projects

Foster Disruption & Local Development

Facilitators

Full Stack Vision FND is a **Raspberry PI Growth Partner** and is the official representative of **energyandscience.io.**

Exprodesk will also help facilate **with key-speakers and collaborators** that can **contribute to the mission.**