

# Ethereum 2.0: How is Blockchain App Factory Equipped to Weather the Changes Post the Merge

*Blockchain App Factory, a Web3 development pioneer, now sets itself ready to help startups perform well in the post "The Merge" of the Ethereum network.*

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EINPresswire.com/ -- As the world prepares itself in anticipation of "The Merge" of the most popular blockchain Ethereum, [Blockchain App Factory](#), a firm with extensive Web3 expertise, has already been setting development

models for projects. We all know that The Merge is set to convert the Ethereum blockchain from Proof-of-Work (POW) to Proof-of-Stake (POS) mechanism, bringing along numerous benefits and removing redundancies. The process is also set to reduce electricity consumption by 99%, making Ethereum an energy-efficient network. Blockchain App Factory, an advocate of sustainable blockchains, is all set to strive hard to bring power-efficient blockchain applications for its clients.

Ethereum is slated to undergo the transition on 15th September 2022 at 10 PM Pacific Time, which will be broadcast live on Ethereum's YouTube Channel, with participatory talks from notable members involved with the network. The event is set to begin two hours before the planned merge, and viewers can get POAP (Proof-of-Attendance-Protocol) tokens as event souvenirs. By the time most of you read this, The Merge would have been already completed, and changes might reflect on the crypto market.

The Merge is set to change how new blocks are created in Ethereum after getting the thumbs up from node controllers. While currently, the control is in the hands of miners who have extensive computing resources tuned to mine Ethereum blocks to earn rewards, it will switch to validators, who will need to invest or stake Ether (\$ETH) to verify transactions.



The network is already facing congestion now and then due to its low block creation speeds or throughput rate. Adding fuel to the fire, gas fee wars have become common as miners are ready to process transactions of people prepared to pay higher gas costs. Both problems first became deadly during the 2021 NFT boom, when the Web3 ecosystem grew in stature and size. Business platforms, such as ones developed by Blockchain App Factory, face lesser problems on their business front, as these were related to transactions over the blockchain, and everything before that is basically straightforward.

The Merge is an essential step in making Ethereum efficient in terms of transactions and gas costs. While the main conversion will occur on September 15, the seeds were sown long ago, in December 2020, when the Beacon Chain, a separate network based on the POS mechanism, was launched. With a few forks on the Ethereum network and the Beacon Chain, The Merge is an initial process, and there is a lot more to go. There are events such as Surge, Purge, and Splurge planned by Ethereum's developers that will reduce gas fees, decentralize the network, and quicken transactions.

As a [blockchain development firm](#), Blockchain App Factory has been assisting ventures stepping into the internet of tomorrow. The firm's 150+ blockchain developers have the expertise to craft blockchain-based applications and create layerwise blockchain networks for businesses that need them. Like The Merge, the firm's experts can perform upgrades for various L1, L2, and L3 blockchain applications in the best way possible. Accomplishing customer demands with its access to advanced technical stacks makes Blockchain App Factory the perfect solution for ventures looking for innovative decentralized solutions.

Apart from excellent blockchain development, Blockchain App Factory can also create and [launch various Web3 applications](#). The firm has helped launch more than 200 unique projects over 7 years, including NFT marketplaces, IDO launchpads, NFT games, metaverse applications, and Decentralized Finance (DeFi) platforms. The firm also offers consulting and marketing services for these businesses with its 500+ workforce. Its clientele expands globally, with several notable names on its list. The firm can be the ideal spot if any aspiring venture wants to set foot in the blockchain domain.

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