

KRYPT: Comprehensive Crypto App

Harsh Sharma¹ and Jigyasa Mishra²

Department of Computer Science and Engineering^{1,2}

Madhav Institute of Technology & Science, Gwalior, Madhya Pradesh, India

harshhs451@gmail.com and jigyasa@mitsgwalior.in

Abstract: Blockchain technology, originally developed for cryptocurrencies, has evolved, and found applications in various industries. This study examines the state of blockchain technology and investigates the cutting-edge ideas that could influence its development in the future. It examines emerging technologies, challenges, and opportunities in the blockchain space, offering insights into how blockchain may revolutionize industries and transform various aspects of our digital lives. Cryptocurrencies are among the most well-known uses of blockchain technology. Blockchain technology is used by cryptocurrencies like Bitcoin, Ethereum, and others to enable peer-to-peer transactions, enabling safe and effective online payments. By providing decentralized alternatives to conventional fiat currencies, these digital assets have upended the established financial system.

Keywords: Blockchain, cryptocurrencies, Decentralized, Bitcoin, Ethereum