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Blockchain Technology: A Comprehensive Overview, Applications, and Future Prospects

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Abstract: Blockchain technology has appeared as a game changer, revolutionizing several industries by providing a decentralized and secure method of recording, storing, and verifying transactions. This research paper explores the fundamentals of blockchain, its underlying principles, applications across different sectors, challenges, and potential future developments. This paper attempts to shed light on blockchain's impact on the global economy and its role in determining the future of technology through a thorough study

Keywords: Blockchain Technology, Distributed ledger, Cryptocurrency, Decentralization, Smart Contracts

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