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Blockchain Technology

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Abstract: *Blockchain, also known as a distributed ledger technology, stores different transactions/ operations in a chain of blocks in a distributed manner without needing a trusted third-party. Blockchain is proven to be immutable, which helps with integrity and accountability, and, to some extent, confidentiality through a pair of public and private keys. Blockchain has been in the spotlight after the successful boom of Bitcoin. There have been efforts to leverage salient features of Blockchain for different applications and use cases. This paper presents a comprehensive survey of applications and use cases of Blockchain technology for making smart systems secure and trustworthy. Specifically, readers of this paper can have a thorough understanding of applications and use cases of Blockchain technology.*

Keywords: Blockchain

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