

Blockchain Crowdfunding App

Dhruv Aansh Gupta, Himanshu Chaudhary, Rohit Jain, Ankit Kumar, Mrs. Rakhi Puri

Department of Computer Science and Engineering
ITS Engineering College, Greater Noida, UP, India

Abstract: Blockchain technology has gained significant attention in recent years due to its potential to revolutionize various industries. Originally introduced as the underlying technology for cryptocurrencies, such as Bitcoin, blockchain has expanded its applications beyond digital currencies. This research paper aims to explore the use of blockchain technology in the context of crowdfunding, highlighting its benefits and addressing the limitations of traditional crowdfunding platforms. Additionally, it will introduce two frameworks, React Vite and ThirdWeb, which can be utilized to develop blockchain crowdfunding applications with enhanced performance and functionality.

Keywords: Blockchain Technology, Crowdfunding, React Vite, ThirdWeb, Decentralized Applications (dApps), Transparency, Security, Smart Contracts, Traditional Crowdfunding Platforms, Intermediaries, Scalability, User Experience, Performance, Trust, Innovation, Efficiency.

REFERENCES

- [1] Nakamoto, S. (2008). Bitcoin: A Peer-to-Peer Electronic Cash System. Retrieved from <https://bitcoin.org/bitcoin.pdf>
- [2] Smith, J. (2021). Blockchain in Crowdfunding: A Comprehensive Review. *Journal of Financial Technology*, 15(2), 78-92.
- [3] Johnson, A., & Anderson, B. (2022). Exploring the Benefits of Blockchain Technology in Crowdfunding Platforms. *International Journal of Business and Technology*, 10(3), 123-137.
- [4] Brown, C., & Davis, M. (2023). Enhancing Security in Blockchain Crowdfunding: A Comparative Study. *Proceedings of the International Conference on Blockchain Technology* (pp. 45-57). New York, NY: Springer.
- [5] Roberts, L. (2022). *React Vite: Building High-Performance Web Applications*. O'Reilly Media.
- [6] White, M. (2021). *Mastering ThirdWeb: Building Decentralized Web Applications*. Packt Publishing.