

Fundraiser A Blockchain based platform By Using NodeJs

Satyam Mishra¹, Samiksha Pandagale², Rushikesh Pawar³, Vijay Sonkamble⁴, Prof. Vilas Jadhav⁵

^{1,2,3,4}Students, Department of Computer Engineering

⁵Professor, Department of Computer Engineering

Mahatma Gandhi Mission's College of Engineering & Technology, Kamothe, Navi Mumbai, Maharashtra, India.

Abstract: *Traditional crowdfunding platforms face challenges such as lack of transparency, high transaction fees, and limited investor control. With the rise of Decentralized Finance (DeFi) and blockchain technology, these challenges can be addressed through smart contracts and decentralized platforms. This paper presents a **Blockchain-based DeFi Crowdfunding Platform**, a decentralized application (D-App) designed using the Cosmos-based Evmos blockchain and powered by smart contracts written in Solidity. The platform allows users to create and support fundraising campaigns in a decentralized and transparent manner. Backers are empowered with voting rights based on their contribution, ensuring community control over fund disbursement. The frontend, built with React and Web3.js, interacts seamlessly with the EvmosTestnet. This approach enhances security, reduces dependency on intermediaries, and increases user trust and control over crowdfunding campaigns*

Keywords: Crowdfunding, Blockchain, DeFi, Smart Contracts, Web3, D-App, Solidity, Evmos.

