

Revolutionizing Startup Funding: A Centralized Platform for Startup Investment Using MERN Stack and Blockchain Technology

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Abstract: India has emerged as a global startup hub, ranking third worldwide with over 112,000 recognized startups and 111 unicorns valued at \$350 billion. This growth is driven by government initiatives, enhanced digital infrastructure, and a growing wave of women-led startups. However, barriers such as limited funding access, complex regulations, and infrastructural challenges persist, particularly for early-stage startups. This is a proposed platform that integrates blockchain and modern web technologies to simplify and secure startup funding. It facilitates transparency in equity crowdfunding and angel investing, two critical funding methods that provide startups with financial backing and investors with access to high-potential. This paper discusses the architecture, components, and significance of the platform in addressing existing challenges and empowering India's entrepreneurial ecosystem.

Keywords: Blockchain; Equity Crowdfunding; Angel Investing; Startup Ecosystem; startups Capital; MERN Stack; Investment Platforms; Financial Technology (FinTech); Transparency; Digital Fundraising.