

# NEXT GEN EMPLOYABILITY PROGRAM

CREATING A  
FUTURE-READY  
WORKFORCE

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## CAPSTONE PROJECT SHOWCASE

Project Title

**Flora Fund**

Abstract | Problem Statement | Project Overview | Proposed Solution |  
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## Abstract

1

FioraFund is a user-friendly crowdfunding platform that helps creators launch and manage campaigns effortlessly.

2

It offers advanced features like search, real-time chat, and analytics to enhance user engagement and campaign performance.

3

The platform ensures secure transactions and robust data protection, building trust among users.

4

With a clean and modern design, FioraFund provides a seamless and intuitive user experience.

## Problem Statement

crowdfunding platforms have revolutionized fundraising, but they often face challenges related to **trust, user experience, and security**. Many existing platforms lack **transparent project management, real-time communication, and effective campaign tracking**, making it difficult for creators to engage with backers. Additionally, concerns over **fraud, data security, and unreliable payment processing** discourage users from supporting projects. FioraFund aims to address these issues by providing a **secure, user-friendly, and feature-rich** crowdfunding solution that enhances trust, improves engagement, and ensures seamless transactions for both project creators and backers.



## Project Overview

FioraFund is a **secure and user-friendly crowdfunding platform** designed to help creators launch and manage campaigns efficiently while enabling backers to support innovative ideas with confidence. Built using **React for the front end and ExpressJS for the back end**, the platform ensures a seamless and intuitive user experience. FioraFund incorporates **real-time communication, advanced search and filtering, and detailed analytics** to enhance campaign visibility and engagement. Security is a top priority, with **robust authentication, encrypted transactions, and data protection mechanisms** to build trust among users. The platform features a **modern and minimalist design**, making crowdfunding more accessible, transparent, and efficient for both creators and backers.



## Proposed Solution

- FioraFund provides a **secure and efficient** crowdfunding platform for easy campaign management.
- It includes **real-time communication, search and filtering** to boost engagement.
- Ensures **safe transactions and data protection** with strong authentication and encryption.
- Features a **modern and user-friendly design** for a seamless crowdfunding experience.

## Technology used

- **MongoDB** – NoSQL database for efficient and scalable data storage.
- **ExpressJS** – Lightweight backend framework for building APIs and handling server-side logic.
- **React** – Frontend library for creating a dynamic and interactive user interface.
- **NodeJS** – JavaScript runtime for handling backend operations and connecting the frontend with the database.
- **Git** – Enables version control and collaboration, ensuring efficient project management.
- **Paytm API** – Integrates secure payment processing, allowing smooth and reliable transactions.


## Modelling & Result





## Modelling & Result

### Sign Up

 Please fill out this field.

### Sign In

Don't have an account?

Modelling & Result

### Start Your Campaign

Turn your idea into reality by launching a campaign on FioraFund.

Education Loan

Rural area kids education loan

Goal Amount (Rupees)

Launch Campaign

### Explore Campaigns

Discover ideas and support the projects you believe in.

#### Innovative Smart Home Device

Make your home smarter with our AI-powered device.

**Goal:** 50,000 Rupees

**Raised:** 30,000 Rupees

Support This Campaign

#### Eco-Friendly Fashion Line

Support sustainable fashion made from recycled materials.

**Goal:** 20,000 Rupees

**Raised:** 15,000 Rupees

Support This Campaign

#### Educational App for Kids

An interactive learning app to enhance children's education.

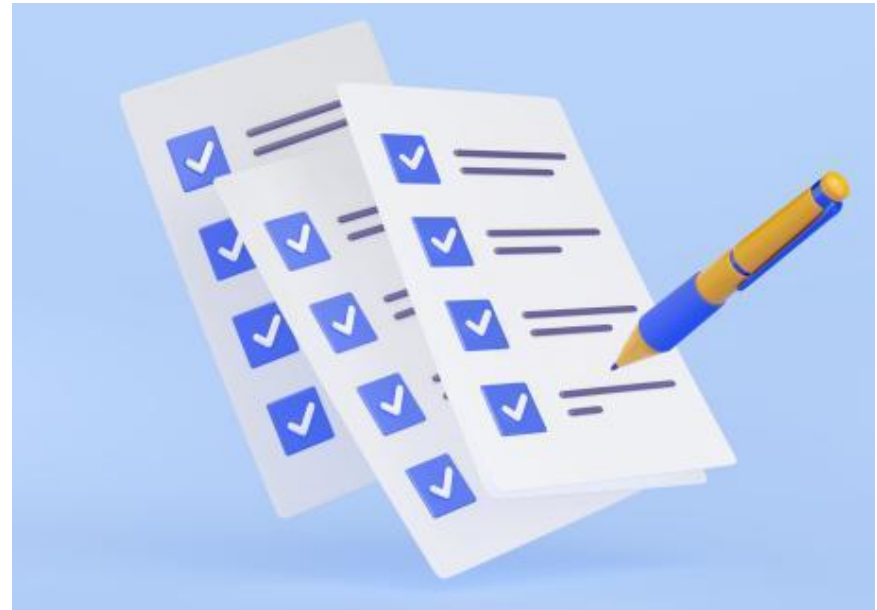
**Goal:** 10,000 Rupees

**Raised:** 8,500 Rupees

Support This Campaign

## Conclusion

FioraFund aims to provide a **secure, user-friendly, and efficient** crowdfunding platform that simplifies campaign management and enhances user trust. By leveraging the **MERN stack, Git for version control, and Paytm API for secure payments**, it ensures a seamless and transparent experience for both creators and backers. With **real-time communication, advanced search, and strong security measures**, FioraFund makes crowdfunding more accessible, reliable, and engaging. This platform empowers innovators to bring their ideas to life while ensuring a safe and trustworthy environment for supporters.



Thank you!

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foundation