

# **HopeBridge - A Fundraising Platform**

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## **1. Project Name**

HopeBridge - A Fundraising Platform

## **2. Project Description**

HopeBridge is a full-featured web application built using the MERN stack that connects individuals and organizations with compassionate donors. It allows verified users to create and manage fundraising campaigns for various humanitarian and social causes — from disaster relief efforts to individual medical emergencies.

## **3. Problem Statement**

There is a lack of centralized, transparent, and easy-to-use platforms where people in urgent need can raise funds and where donors can discover and support verified causes. Many current solutions are either too complex, inaccessible, or lack trust, particularly in developing regions.

## **4. How It Solves the Problem**

HopeBridge addresses this by providing a secure, intuitive, and transparent platform for fundraising. Verified users (individuals or organizations) can create campaigns, set goals, and receive donations, while donors can browse by categories such as medical, disaster relief, education, etc. The platform also builds trust with donation tracking, fundraiser verification, and clear communication of fund utilization.

## **5. Tech Stack Used**

Frontend: - React.js: For building dynamic and responsive UI. - Redux (optional): For managing application state across components. Backend: - Node.js: Server-side runtime environment. - Express.js: Framework for building RESTful APIs. Database: - MongoDB: NoSQL database to store users, fundraisers, and donations. Authentication & Authorization: - JWT (JSON Web Tokens): For secure login and role-based access control. - bcrypt: For password hashing. Additional Tools: - Multer/Cloudinary: For image uploads of fundraisers. - Stripe/PayPal Integration: For processing donations.