

SAAMAJSEVA

An NGO–Donor Connect Platform

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PROJECT OVERVIEW

To bridge the gap between NGOs seeking assistance and donors looking for verified causes. The platform aims to democratize charitable giving by making it easy for any individual to find and contribute to projects that align with their values.

Key Features:

- Dual User Interface: Separate dashboards and authentication flows for Donors and NGO representatives.
- NGO & Project Listing: A clear, navigable directory displaying active projects, funding goals, and organization details.
- Contribution Interface: A guided, secure user flow for making donations to specific causes.
- Scope / Target Users: NGOs (managing their profiles and projects), Individual Donors (contributing funds), and the platform's administrators.

REACT TOPICS & TECHNIQUES USED

Components & JSX:

- Built the entire UI using reusable functional components for better readability and maintainability.

State Management (useState):

- Used extensively to manage local state form data, UI toggles, and feedback messages.

Event Handling:

- Event Handling manages user interactions, such as using onSubmit in Auth.jsx to trigger the login logic, or onClick in Navbar.jsx to handle user logout.

Client-Side Routing (React Router):

- Routes implemented for /home, /ngos, /donate/:id, /auth, and /dashboard. Enables smooth navigation without full page reloads.

REACT TOPICS & TECHNIQUES USED

Conditional Rendering:

- Dynamically displays login prompts, loading messages, or dashboard components based on user state.

Forms & Controlled Inputs:

- Managed registration and donation forms with controlled components for validation and data handling.

Chat / Messaging Feature (ChatPopup):

- Implemented a ChatPopup component to enable message input and display within a popup interface.
- Utilized React's useState hook to manage chat messages and input field states.

OUTPUTS

The image displays four screenshots of the SamaajSeva web application, showing its homepage and various login and registration features.

- Homepage:** The first screenshot shows the main homepage at `localhost:5173`. It features a large banner with a close-up image of hands, the title "SamaajSeva", the subtitle "The Web Platform to Bridge NGOs and Community Donors", and the tagline "Connecting needs with resources, efficiently and transparently". A green "Get Started Today" button is visible.
- Auth Landing Page:** The second screenshot shows the authentication landing page at `localhost:5173/auth`. It displays the SamaajSeva logo and tagline, followed by two main login options: "NGO Login" (with a brief description and "Continue as Organization" button) and "Donor Login" (with a brief description and "Continue as Supporter" button).
- NGO Login Page:** The third screenshot shows the "Login as NGO" page at `localhost:5173/auth#`. It asks the user to enter their credentials to continue, with fields for "Email" and "Password", and a "Login" button. Below the form, there are links for "Don't have an account? Sign up" and "Change Role".
- Donor Login Page:** The fourth screenshot shows the "Login as Donor" page at `localhost:5173/auth#`. It has similar fields and layout to the NGO login page, asking for "Email" and "Password" and featuring a "Login" button. It also includes links for "Don't have an account? Sign up" and "Change Role".

NGO DASHBOARD

The image displays three screenshots of the NGO Dashboard application, which is a web-based platform for managing requests from NGOs.

Screenshot 1: Dashboard Overview

This screenshot shows the main dashboard for "NGO Shanti Foundation". It features a summary of request statistics:

- Total Requests: 1 (All time)
- Open Requests: 1 (Pending action)
- Completed Requests: 0 (Successfully handled)
- ML Predictions: 0 (AI analyzed)

The "All Requests" section lists one pending request:

Description	Prediction	Date
Need for resources	High Priority	10/8/2025

A modal window on the right shows a simulated chat interaction with the "Support Team". The support team member, "S", last seen 10 minutes ago, informs the user to log in and navigate to their Dashboard. They then connect the user to a human agent, "Agent", who is currently unavailable ("U"). The agent sends a message: "Connecting you with a human agent now. Please wait...".

Screenshot 2: Create New Request

This screenshot shows the "Create New NGO Request" dialog box. It prompts the user to fill in details for a new request, noting that AI will analyze and assign priority automatically. The form fields include:

- Total Requests: 0 (All time)
- ML Predictions: 0 (AI analyzed)
- All Requests table (empty): Description: Health, Prediction: Karnataka, Date: hubli, Urgency: 83, Funds: 0, Natural Disaster: Immediate

Screenshot 3: Request Creation Step

This screenshot shows the final step of creating a new request. The user has filled in the "Health" field with "Karnataka" and the "Funds" field with "hubli". The "All Requests" table shows the new entry: Total Requests: 0 (All time), ML Predictions: 0 (AI analyzed), and the new row: Funds: 83, Natural Disaster: hubli, Urgency: Immediate.

DONOR DASHBOARD

The screenshot shows a web browser window for the URL localhost:5173/profile. The page is titled "SamaajSeva". The main content area displays the profile of "Donor Priya Sharma", identified as a "Role: Donor". A bio states: "Committed community volunteer focused on local food drives. Contact: donor@seva.com". Below this, a "Community Impact Score" of **780** is shown, with a note: "Higher score = Greater Trust & Impact". To the right, a "Top Trust Badge" for "Quick Responder" is displayed, accompanied by the text: "Achieved for consistent fulfillment". At the bottom, a section titled "Full Badge Collection" lists "Quick Responder" and "Resource Champion". The browser's address bar shows the full URL.

The screenshot shows a web browser window for the URL localhost:5173/donor-dashboard. The page is titled "SamaajSeva". The main content area is titled "Donor Dashboard" and describes "Discover NGO requests sorted by priority and location". It shows three summary statistics: 1 Available Requests, 1 Donations Made, and 1 High Priority. Below this, a section titled "NGO Requests" lists one request: "Need for resources" (Status: HIGH PRIORITY, Date: 10/8/2025, Action: Applied). On the right side, there is a live chat interface with a support team member named "Support Team" who has been online for 10 minutes. The chat shows messages about connecting to a human agent and a prompt to apply for the NGO request. The browser's address bar shows the full URL.

LEARNING OUTCOMES

- Gained strong, practical skills **using functional components to build the UI and event handling to manage all user interactions.**
- Learned how to **use the useContext hook** to create a central place for important application data, making it easy to share information across all pages.
- Successfully implemented user session maintenance using localStorage, so users stay logged in even if they refresh the page.
- Designed the project **using a Component-Driven Architecture**, which means the code is highly organized, reusable, and easy to read.
- Developed proficiency in **making the application dynamic & responsive**, including conditional rendering to show personalized content (like dashboards) and integrating complex CSS to ensure the app looks professional and works well on all screen sizes.
- Gained experience building real-time functionality by **creating the Chat/Messaging feature**, learning how to manage quick-changing data for live updates.

THANK YOU