Internship Progress Report-I

Roll Number: 3343

Name: Prabhat Singh

Internship Position: Frontend Developer

Company Name: Pratinik Infotech

Date:

1. Introduction

I had the opportunity to intern at Pratinik Infotech as a Frontend Developer for one month, from January 20th, 2025. During this internship, I worked on building a website for an NGO focused on education and children's welfare. This experience helped me gain hands-on knowledge of frontend development, UI/UX design, and team collaboration.

2. Tasks and Responsibilities

Throughout the internship, I was assigned multiple tasks that contributed to the website development process.

Task 1: Understanding UI/UX Design and Developing the Home Page

The homepage features a responsive **navigation bar**, a **carousel section**, and **CTA buttons**. The navigation bar includes sections such as Home, About Us, Impact, and Donate Now. The **hero section** has a compelling call-to-action to engage visitors. The About NGO's Education Fund introduces the NGO's mission to improve education especially in India. Mission Statement & Our Approach: Detailing their goal of creating pathways out of poverty. Our Impact & Get Involved sections highlight ways to contribute real-life success stories. We took inspiration from Akansha Foundation's Website and make a Visit the NGO's school provides insights into their holistic education approach.

Task 2: Developing the Impact Section

- By the end of the second week, I focused on building the "Our Impact" section of the website.

- This section includes **statistics cards** displaying key numbers related to children helped, funds raised, and active projects.

- Used **CSS Grid and animations** to make these stats visually engaging while maintaining an easy-to-read layout.

- Integrated **testimonial sliders** to highlight stories from beneficiaries, providing credibility and an emotional connection with visitors.

- Designed a visually appealing **timeline** showcasing key milestones of the NGO's journey.

- **Success Stories**: Highlighting alumni like Mrunal Khadke, Namrata Khanvilkar, and Chaitrali Reddy who have achieved academic and professional success through NGOs programs.

Task 3: Working on the Donate Now Section

- Currently, I am working on the "Donate Now" section to make it user-friendly and visually appealing.

- Implementing **a structured form** where users can input donation amounts and select payment methods.

- The donation form includes options for **one-time donations** and **recurring payments**, providing flexibility for donors.

- Worked on integrating a **secure payment gateway** ensuring seamless transactions while maintaining user trust.

- Added a **donation progress bar** to show real-time updates on how much funding has been raised towards various initiatives.

- **Join the Aspire Circle**: Encouraging long-term donors to support the NGO's mission.

- **Become a Corporate Partner**: Providing partnership opportunities for businesses to contribute.

Task 4: Working on Events section

- also worked on the Events section, which includes upcoming and past events.

- The Upcoming Events section features dynamically loaded events from a backend API,

formatted using JavaScript Fetch API to retrieve and display data in a card-based layout.

- Each event card displays the event title, date, time, and location, using CSS Flexbox and Grid to maintain a clean and structured layout.

- A countdown timer was integrated using JavaScript Date objects, allowing users to see how much time remains before an event begins.

- For the Past Events section, data is fetched and filtered using JavaScript array methods to show completed events with images and summaries.

- Implemented a search and filter functionality to allow users to filter events based on date or category.

- Ensured full responsiveness and mobile optimization using media queries, making the events section visually appealing and accessible on all devices.

3. Achievements

- Successfully developed the homepage with responsive design.
- Created an engaging, data driven "Our Impact" section.
- Integrated interactive elements such as sliders, animations, and progress indicators.
- Designed an intuitive donation page to improve user engagement.
- Developed a feature-rich Events section with dynamic loading, search, and filtering functionalities.

4. Skills Learned

- Improved frontend development skills using HTML, CSS, JavaScript, and Bootstrap.
- Learned UI/UX design principles and applied them to real-world projects.
- Enhanced teamwork and collaboration by working closely with the team.
- Gained experience in structuring and optimizing web pages for better performance.
- Learned how to integrate payment gateways securely and effectively.
- Gained proficiency in working with JavaScript Fetch API for real-time event data.

5. Challenges

- Design Alignment Issues: Faced difficulties in aligning elements properly to match the planned UI/UX design, but resolved them through CSS debugging and flexbox adjustments.

- Time Management: Managing multiple sections within tight deadlines was challenging, but effective planning and teamwork helped overcome it.

- Ensuring Responsiveness: Ensuring mobile-friendly design required extensive testing across various devices and browsers.

- Integrating Payment Systems: Setting up a secure payment gateway required learning new APIs and ensuring data security.

- Fetching and Displaying Data: Handling dynamic content updates for events required effective API integration.

6. Feedback and Recommendations

- The internship program provided great learning opportunities, and I appreciate the mentorship received.

- It would be beneficial if more real-world projects are assigned for hands-on experience.

- Introducing weekly progress reviews and more structured feedback sessions could further enhance the learning process.

7. Conclusion

My internship at Pratinik Infotech has been an enriching experience. I have gained practical exposure to frontend development, teamwork, and UI/UX design. The opportunity to contribute to an NGO website has given me a sense of fulfilment. I look forward to applying my newfound skills in future projects and continuing my learning journey in web development.