

POKHARA UNIVERSITY

APEX COLLEGE

Department of Management

MINOR PROJECT REPORT ON

“Cloning Intern Sathi Frontend”

BY

Aarya Khadka-(23100085)

KATHMANDU, NEPAL

2024

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“Cloning Intern Sathi Frontend”

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A PROJECT WORK SUBMITTED TO THE DEPARTMENT OF MANAGEMENT IN
PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE BACHELOR OF
COMPUTER SYSTEM AND INFORMATION TECHNOLOGY

KATHMANDU, NEPAL

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Department of Management

The undersigned certify that they have read, and recommended to Pokhara University for acceptance, the project report titled “Cloning Intern Sathi Frontend” submitted by [Aarya Khadka, (23100085)] in partial fulfillment of the requirement for the Bachelor of Computer Information System.

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DECLARATION

The project report titled “**Cloning Intern Sathi Frontend**” submitted for the partial fulfillment of the requirement for the degree of Bachelors of Computer System and Information Technology to Pokhara University, comprises only original work and due acknowledgement have been made to the materials used in this report.

Aarya Khadka-(23100085)

19th June,2024

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I express my sincere gratitude towards Apex College for assigning us the minor project as a part of our course in Second Semester. I would also like to thank our project coordinator Mr. Anmol Shrestha and our respective subject teachers for their guidance throughout the whole project whose contributions in stimulating suggestions and encouragements helped me finish this project.

I would like to express our sincere gratitude to our supervisor, Mr. Asim Dhakal, for his invaluable guidance and support throughout this project. I have tried my best to minimize errors to extent possible way by consulting with supervisor, colleague, personnel, organization, books and Internet. Lastly, I extend my thanks to our peers and family for their encouragement and assistance.

ABSTRACT

Intern Sathi is a platform dedicated to connecting students and recent graduates with internship opportunities across various fields. It serves as a bridge between companies seeking interns and individuals looking to gain practical experience in their respective fields. The website offers a user-friendly interface where users can search for internships based on their preferences, upload resumes, and apply directly through the platform.

This project report details the process of cloning the frontend of the Intern Sathi website using HTML, CSS, and JavaScript. The objective was to replicate the user interface and functionality of the website to enhance our skills in frontend web development. The project involved analyzing the existing website, designing the layout, implementing the design using HTML and CSS, and adding interactivity with JavaScript. The results demonstrate a visually and functionally similar clone of the Intern Sathi website. Future enhancements could include optimizing the code and making the website responsive across different devices.

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Chapter 1

Introduction

1.1 Background

Intern Sathi, is a comprehensive platform designed to support students and young professionals in their career journeys. It offers a wide range of internship opportunities from local and international organizations operating within Nepal, helping users find placements aligned with their interests and academic backgrounds. Beyond internship listings, Intern Sathi provides valuable career advice, including resume tips, interview preparation, and insights into various industries pertinent to the Nepalese job market. Additionally, Intern Sathi promotes skill development through resources aimed at enhancing technical proficiency, soft skills, and other competencies essential for professional growth in Nepal.

1.2 Scope

The scope of this project includes replicating the visual aspects and basic interactivity of the Intern Sathi website's frontend. Backend functionalities and server-side processing are not within the scope of this project.

1.3 Project Description

This project focuses on recreating the visual design and fundamental interactive elements of the Intern Sathi website's frontend. The main components include the homepage, internship listings, and the user login and registration pages. The clone was developed using HTML for structure, CSS for styling, and JavaScript for interactivity.

1.4 Objectives

An objective is a specific goal that a project aims to achieve, outlining key tasks and desired outcomes. The objectives of this project are listed below.

- Enhance proficiency in frontend web development (HTML, CSS, JavaScript).
- To replicate the visual design of the Intern Sathi website.
- To implement basic interactivity using JavaScript.
- Faithfully replicate the visual design and layout of the Intern Sathi website.
- Gain experience in analyzing and cloning an existing website's frontend structure and functionality.
- Develop skills in project planning, time management, and collaboration.

Chapter 2

Literature Review

The literature review covers the importance of frontend development in web applications and reviews various technologies used for frontend development, such as HTML, CSS, and JavaScript. The review also examines existing tutorials and resources available for website cloning projects. These resources often provide step-by-step guidance on replicating the design and functionality of existing websites, offering valuable hands-on experience for developers. However, despite the abundance of these tutorials, there remains a significant gap in practical experience. Many tutorials do not adequately prepare developers for real-world challenges, such as optimizing performance, ensuring cross-browser compatibility, and implementing responsive design principles.

This project aims to address this gap by offering a comprehensive approach to frontend development through practical application. By engaging in a website cloning project, developers can gain firsthand experience in utilizing HTML, CSS, and JavaScript to recreate complex web interfaces. This hands-on approach not only reinforces theoretical knowledge but also helps developers build the skills necessary to tackle real-world web development tasks effectively.

Chapter 3

System Analysis, Design, and Implementation

3.1 System Design

The design phase involved analyzing the Intern Sathi website to understand its structure and layout. Wireframes and User flow diagrams were created to outline the basic design of the homepage, internship listings, and user login and registration pages. This analysis included examining the visual hierarchy, navigation flow, and key user interactions to ensure a seamless user experience.

The wireframes provided a visual blueprint of the website's layout and functionality. For the homepage, the wireframe included a header with the site logo, navigation menu, and a search bar. The main banner featured a call-to-action with prominent imagery and introductory text. Below this, a section displayed a grid or list of featured internships, highlighting key opportunities for users. The footer contained contact information, social media links, and additional navigation options, ensuring that users could easily find important information and navigate the site.

The user flow diagram detailed the steps users take to navigate through the website. Users typically start at the homepage, where they can choose to view internship listings or log in/register. From the homepage, users might click on the "Internship Listings" link, leading them to a page displaying available internships with various filter and search options. Selecting an internship takes users to a detailed page with comprehensive information about the position.

3.2 User Flow Diagram

A user flow diagram for the Intern Sathi website clone project illustrates the journey a user takes from entry to accomplishing their goals on the website. Below is a detailed description of the user flow diagram.

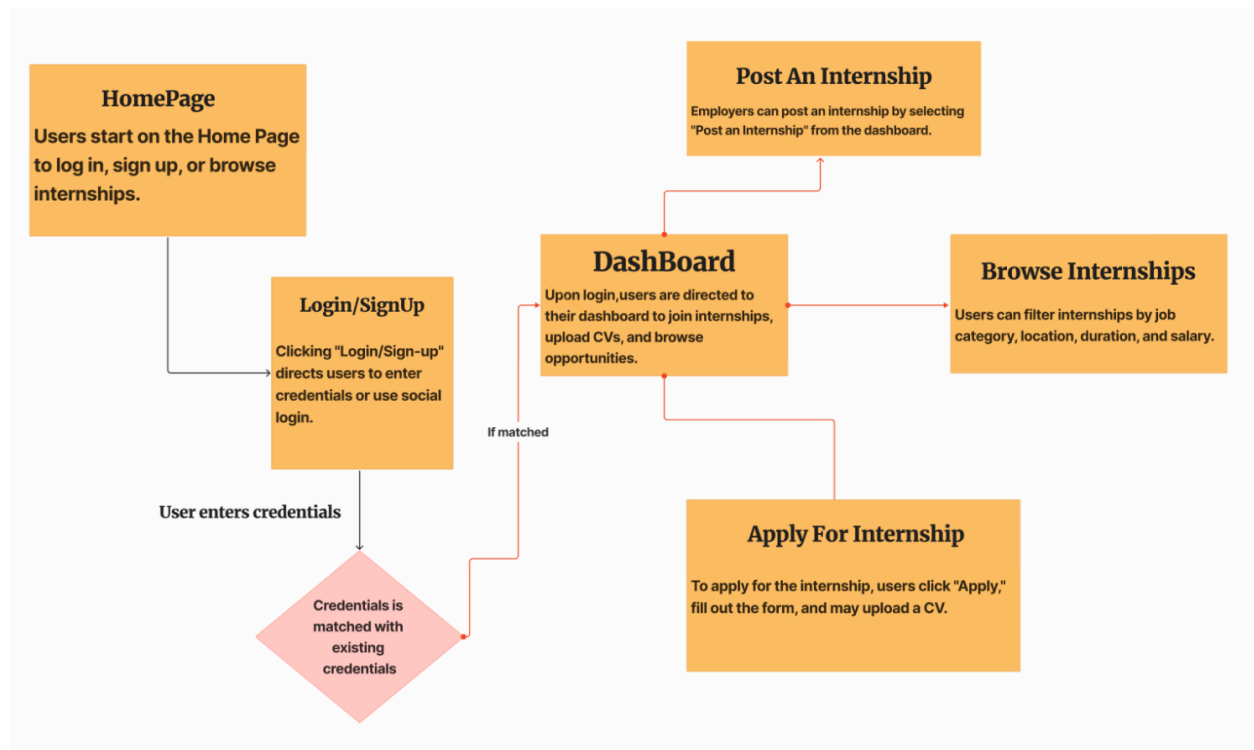


Figure 1: User Flow Diagram

3.3 Wire Framing

A wireframe for the Intern Sathi website clone project outlines the basic design of its homepage, internship listings, and user login and registration pages.

Desktop Prototype

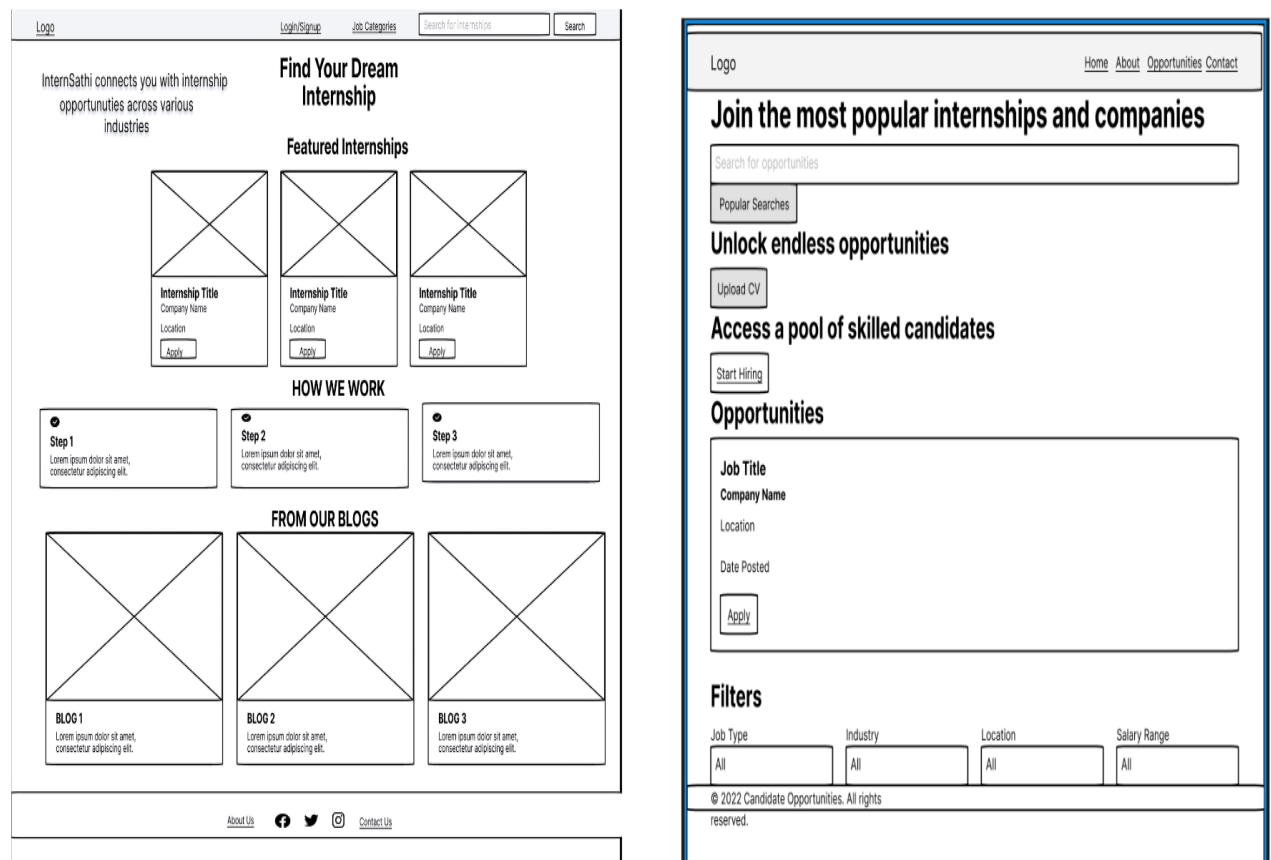


Figure 2 : Desktop Prototype Wireframe

Phone Prototype

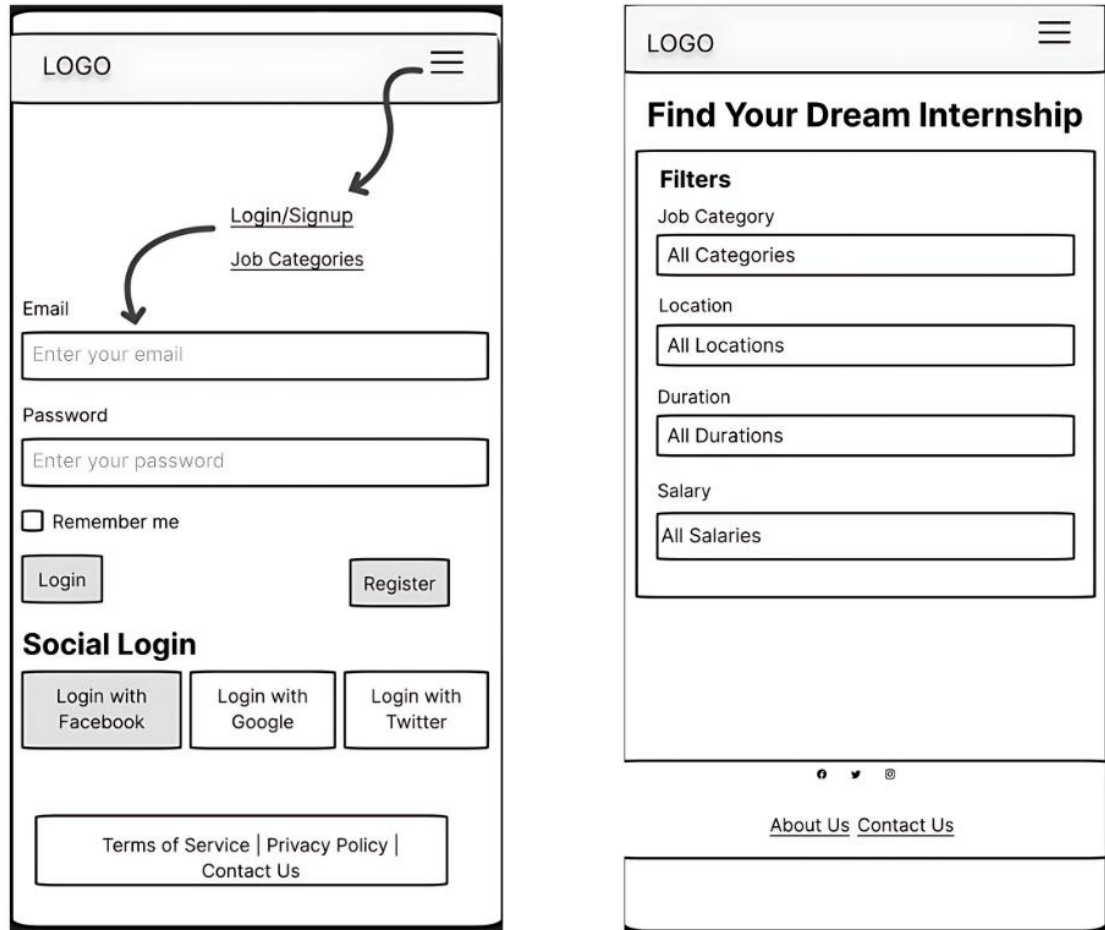


Figure 3 : Phone Prototype Wireframe

3.4 System Description

The system consists of HTML, CSS, and JavaScript files that together create the frontend of the Intern Sathi website. HTML was employed to structure the content, providing the foundational layout for the web pages. CSS was utilized to style the elements, ensuring the visual presentation matched the design specifications, including layout, colors, fonts, and responsiveness. JavaScript was integrated to add interactivity, enabling dynamic features such as form validations, interactive menus, and user feedback mechanisms. This combination of technologies ensures a cohesive and engaging user experience, replicating the functionality and aesthetic of the original Intern Sathi website.

Chapter 4

System Testing, Debugging, and Results

4.1 Testing

The project was tested on various web browsers to ensure compatibility. Functionality tests were conducted to check the interactivity features implemented using JavaScript, ensuring they performed consistently across different browsers and devices. These tests verified that user interactions such as form validations, dynamic content loading, and responsive design adjustments functioned as expected across platforms, providing a seamless experience for all users accessing the Intern Sathi website clone.

Test Area	Test Method	Expected Result	Actual Result	Status
Homepage Layout	Manual Inspection	Elements are correctly positioned and styled.	Elements are aligned and styled correctly.	Passed
Navigation Menu	Manual Clicking	Links navigate to correct pages	Links navigate as expected.	Passed
Responsive Design	Resizing browser window	Layouts adjust correctly for various screen sizes.	Issues faced on small screen sizes	Needs Improvement
Form Validation	Input valid and invalid data	Form displays appropriate error messages	Error messages are displayed correctly	Passed

Table 1: Testing

4.2 Debugging

Several issues were encountered during development, including layout discrepancies and JavaScript errors. These challenges were addressed through iterative testing and debugging processes. This iterative approach not only improved the overall stability and performance of the website but also enhanced the user experience by eliminating potential obstacles and ensuring a seamless interaction with the site.

4.3 Results

The final product is a functional clone of the Intern Sathi website's frontend. The visual design closely mirrors that of the original website, maintaining consistency in layout, color schemes, and typography. This achievement reflects the successful implementation of HTML, CSS, and JavaScript to replicate key functionalities and visual elements, providing users with a familiar and intuitive interface when accessing the cloned Intern Sathi website.

Chapter 5

Summary

5.1 Conclusion

This project successfully achieved its objective of cloning the frontend of the Intern Sathi website. The process provided valuable experience in frontend web development and improved our understanding of HTML, CSS, and JavaScript.

5.2 Limitations

The clone does not include backend functionalities or server-side processing. Additionally, some advanced interactivity features of the original website were not replicated.

5.3 Future Enhancements/Recommendations

Future work could focus on making the website responsive to different screen sizes and optimizing the code for better performance. Adding backend functionality to make the website fully functional could also be considered.

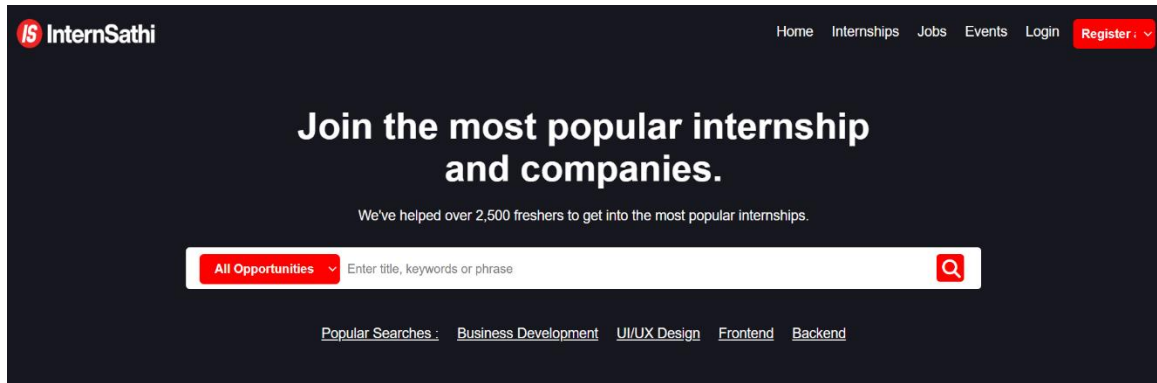
References

Smith, J. (. (n.d.). *Udemy*. Retrieved from Udemy: <https://www.udemy.com/course/html-css-javascript/>

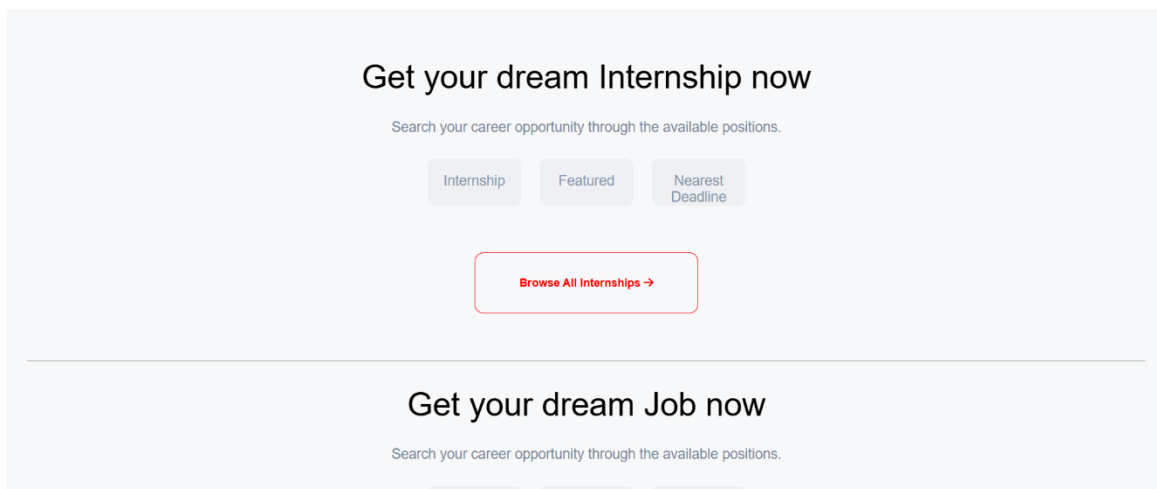
W3Schools. (n.d.). *W3Schools*. Retrieved from . CSS Tutorial: <https://www.w3schools.com/css/>

Appendices

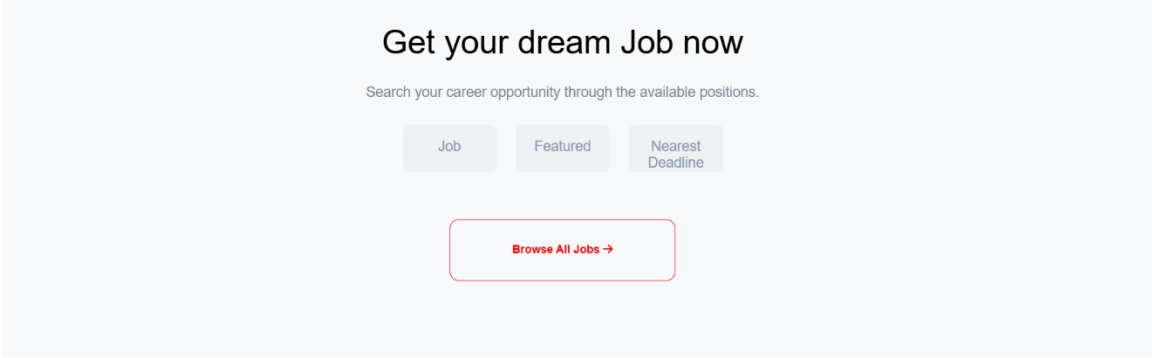
In the appendix, a snippet of the website is provided for reference. This showcases key elements of the frontend design, including layout, styling, and basic interactive features.



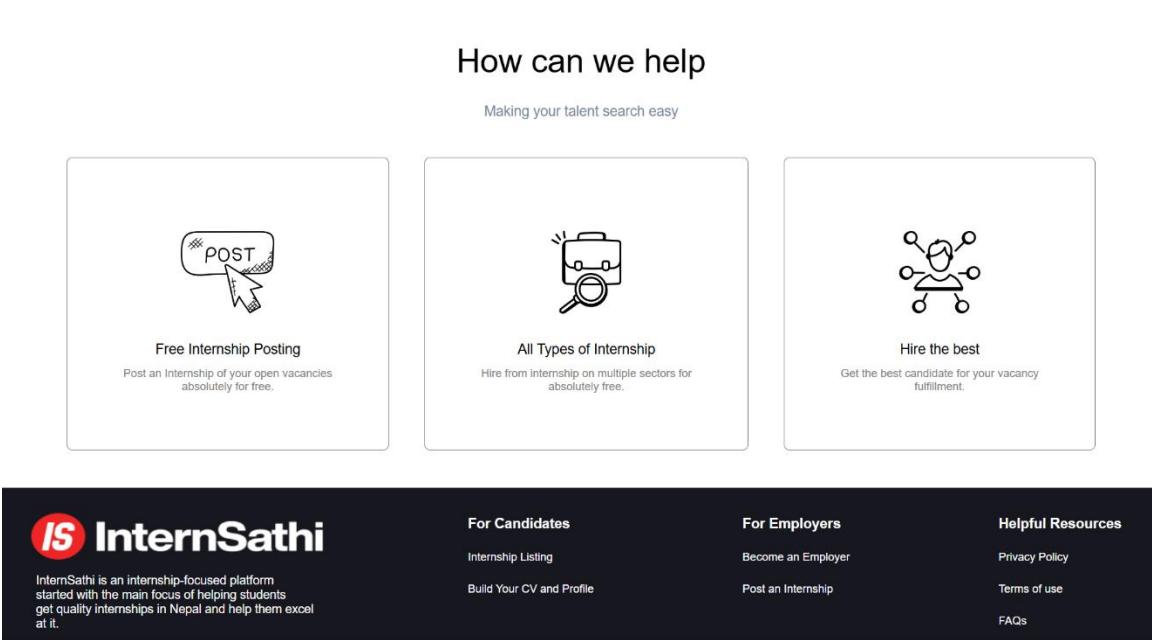
Appendix 1: Home/Main Page



Appendix 2 : Internship Page



Appendix 3 : Browsing Page



Appendix 4 : Footer Page