International Research Journal on Advanced Engineering and Management
https://goldncloudpublications.com
https://doi.org/10.47392/IRJAEM.2024.0193
e ISSN: 2584-2854
Volume: 02
Issue: 05 May 2024
Page No: 1402-1407

Innovative Approach for Career Using Career Roadmap Provider

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Abstract
In today's world a lot of people are a bit confused about the field which they need to choose as their career, and even if some people are clear about their goals, they don't have an actual path which they need to follow to become a professional in their field. There are several articles available on the internet which will provide you information regarding your career but it is very vast and the user interface is not much attractive and precise for the users. Along with that several new fields are emerging in the world around us about which people are not much aware and even the search engines don't have much information about it. Hence, we are developing a "Career Roadmap Provider" which is a website that will provide our users a detailed roadmap regarding the particular field which they have searched for. The roadmap will include the field description, different available opportunities within that field, the companies that the user can apply for, required skills and other necessary information. This will clear the confusion that several users are having regarding their particular field by providing them a complete and precise Career Roadmap.
Keywords: *Roadmaps; Career; Guidance; Contributions; Development.*

1. Introduction

"Career Roadmap Provider" is a website, which is one-stop shop for all those who are navigating a path for their career. Our website provides in-depth information and roadmaps for a wide range of professions, whether you're a new graduate exploring your possibilities or a seasoned professional looking to pivot. Begin your journey of discovery by receiving important descriptions, and step-by-step roadmaps to help you reach your professional goals. Your path to success begins here.[1] It might be difficult to navigate the professional world, but our user-friendly interface makes it easier than ever to explore numerous career choices. We've rigorously gathered data on everything from needed certifications and abilities to prospective growth possibilities to help you make informed selections. Our mission is to provide you with the knowledge you need to confidently pursue your dreams. Begin your journey towards success today with our comprehensive and accessible "Career Roadmap Provider". After signing up on our website the user will be redirected on a new page. This page will consist of different available fields which the user wants to search. After selecting the field, the user will receive a well detailed page about their field which will include the field description, different available job roles within that field, the companies that will hire them, the required skills and some extra features of our website. These detailed roadmaps designed by us will help them to enhance their career and will also take them on a new level which will enhance their career. There are hundreds of different articles on the internet but none of them is providing the complete information, and looking at these many articles' people get confused about which one they should follow because of which the consistency which they need to maintain is broken. Therefore, we think that a trustworthy website is needed where people can search about their field in which they want to pursue

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their career. If the field that the user has searched for is not available on our website then we will ask them enter the name of the field or area in which they are interested and through their email it will be sent to us, and within twenty-four hours we will provide that user the complete information or roadmap which they need to follow.

2. Method

The proposed website is one time solution for all the individuals as it provides sorted information according to user's requirement.[2] A website is a collection of related web pages accessible through the internet under a common domain name. It typically contains text, images, multimedia, and hyperlinks, allowing users to navigate and interact with the content using a web browser. Here is what a typical website flow looks like:

- A user types a website address (URL) into a browser [5].
- The browser finds the website's IP address through DNS [6].
- The browser sends a request to the web server for the site's content [7].
- The server processes the request, retrieves data, and generates the web page.
- The server sends back the web page as an HTTP response.
- The browser interprets and displays the web page.
- The user interacts with the web page, triggering more requests if needed.

In essence, a user's request prompts the server to send back the web page, which the browser then displays for the user.[8] So, the user first lands at the home page of the website and later on create their own account on the website. After successfully creating their own account users will log in on the website which will bring them to the main page of the website where they can search the field in which they want to pursue their career. After clicking on the search button, the website will provide them a combination of important content and images providing them the required information which they requested for [3].

3. Results and Discussion

3.1. Results

Working and results of our system is displayed here. Several screenshots with their explanation and how they will work is shown her [10].

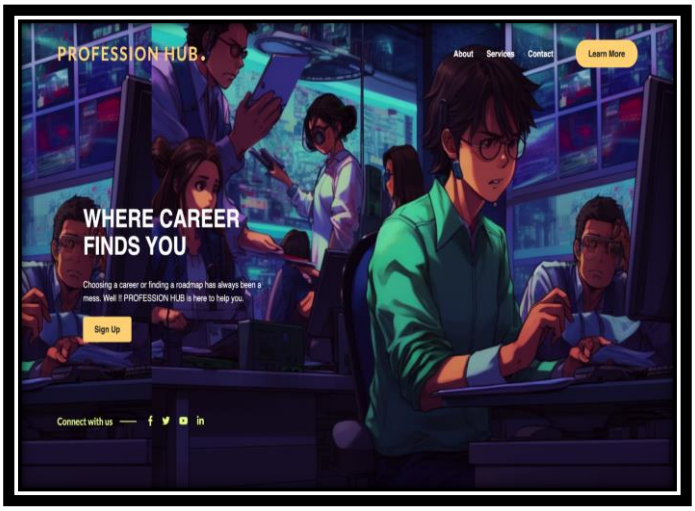

Figure 1 Website

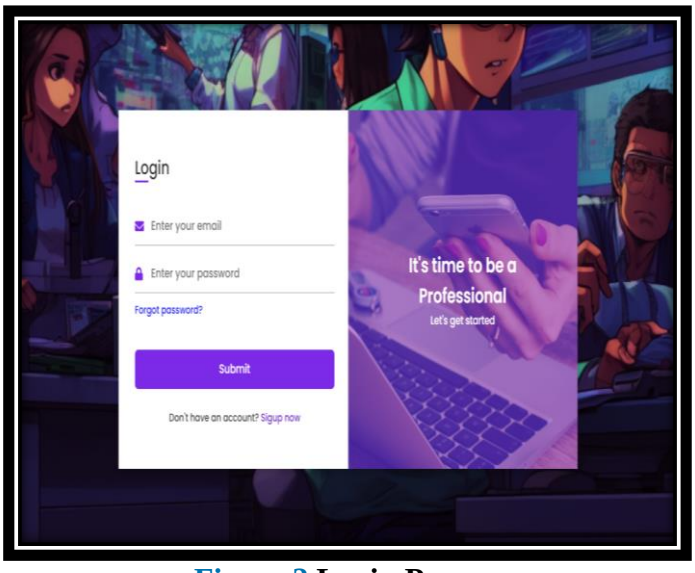

Figure 2 Login Page

This is the first page of our website Figure 1, Figure 2. Here the users will log in or sign up which will take them to the landing page of our website.
Below given is the landing page of our website which provides a beautiful animation to the users providing them a very good user experience [4].

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Figure 3 Landing Page of Our Website

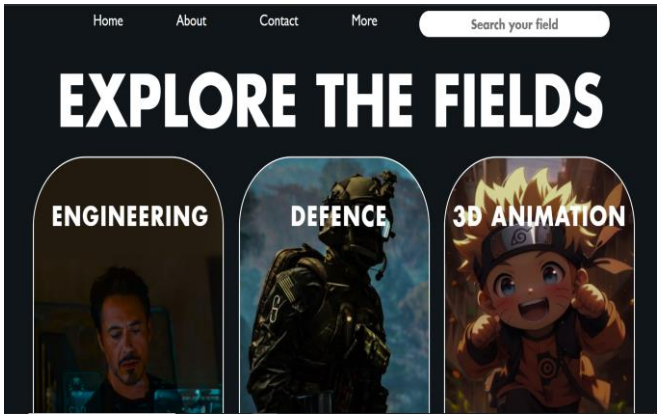

Figure 4 Different Fields That the User Want to Explore

As soon as the users click on the 'Explore Now' button in Figure 3 they will be redirected to the page shown in Figure 4 which consists of different fields that the user want to explore [11].

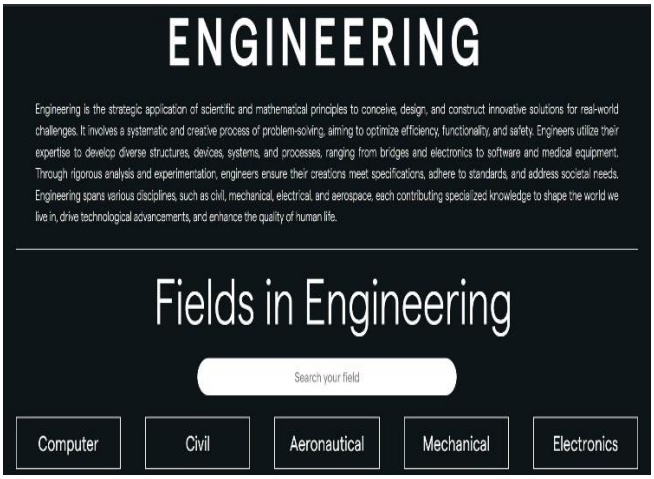

Figure 5 Brief Information Regarding the Field

When the users click on the Explore button given below the respective fields in Figure 4, they will be redirected to the page shown in Figure 5. This page will contain a brief information regarding the field along with the sub fields [12].

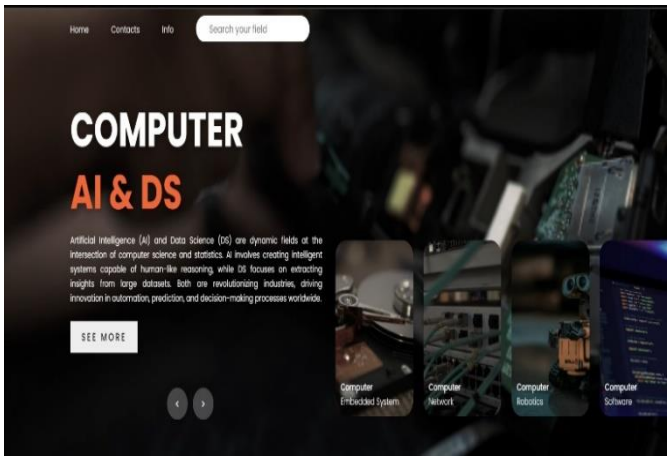

Figure 6 Job Roles Available

Let's say in case of engineering the user clicks on Computer field. The user will be redirected to the page shown in Figure 6 which will include various job roles available within the field as shown in the figure [13].

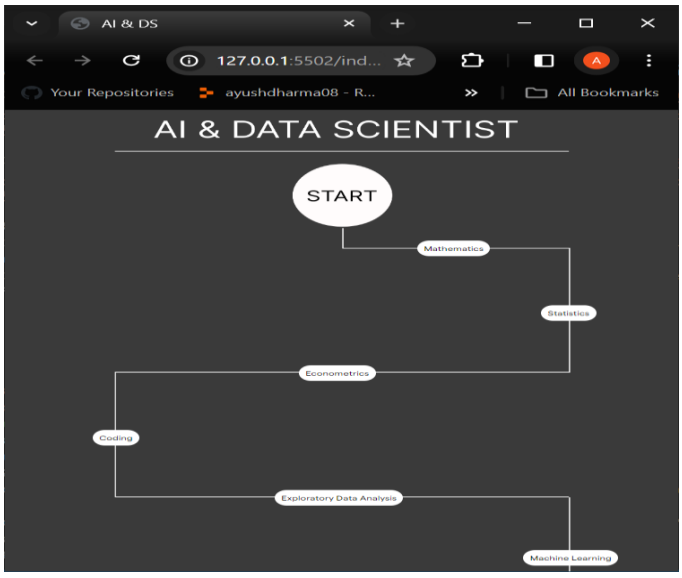

Figure 7 Roadmap

When the users click on the see more button, they will be given a roadmap as shown in Figure 7 which will display the tutorials which they need to follow from start to end to become a job ready individual.

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Figure 8 Several Stages in The Roadmap

There are several stages in the roadmap. When the users click on a stage, they will be given a brief information regarding that stage along with the resources and tutorials they need to follow to complete that stage as shown in Figure 8.

Figure 9 Queries and Questions

Within the roadmap we have also provided a discussion area where people can discuss their queries and questions with each other as shown in Figure 9.

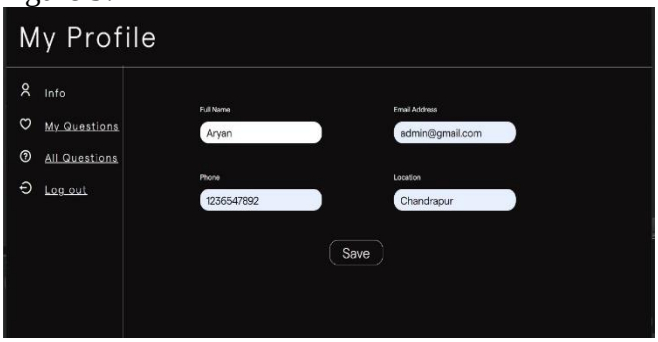

Figure 10 User Profile

We have also provided a user profile section where the users can view or edit their profiles. Within the profile there are several other features like my question, all questions and log out button as shown in Figure 10 [15] s.

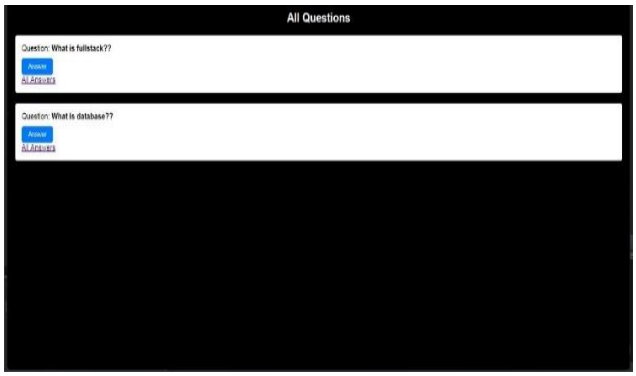

Figure 11 All Questions

In 'All Questions' section all the questions raised by various users will be visible as shown in Figure 11. If the user wants, they can provide answers to those questions [14].

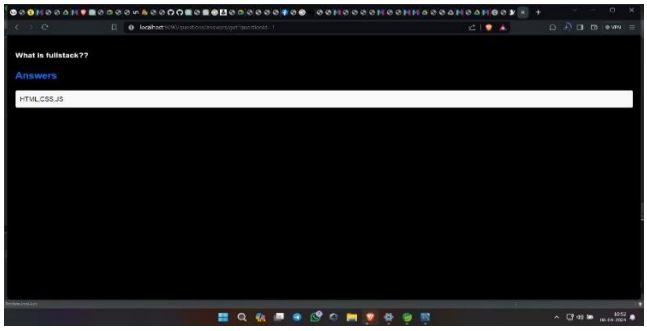

Figure 12 Question Section

In my question section the questions which are particularly raised by the users are visible to them as shown in Figure 12.

Figure 13 Raise Your Question

The webpage shown in Figure 13 is the feature which provided to the user so that they can raise their question.

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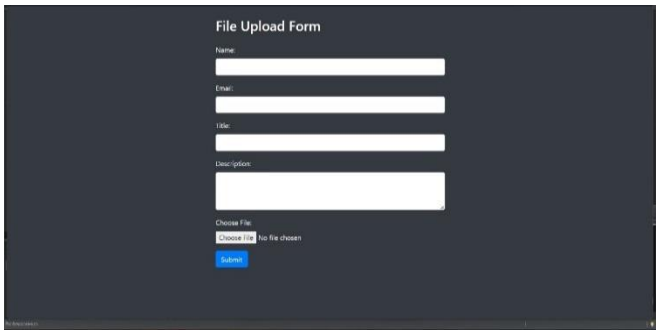

Figure 14 File Upload Form

In case if the users want to contribute to our website, they can do so by clicking in the contribute button which will redirect them to the page shown in Figure 14. Here the users will fill the necessary credentials and the roadmap which they desire or need will be provided to them after successful verification.

3.2. Discussion

From the above results we can say that providing such websites can be beneficial for all those individuals who want to become a self-made professional and become an expert in their respective field. It can save a lot of time and efforts as everything which is needed will be already provided in the roadmap. The huge articles available on the internet makes it difficult for the user to read the information but a user interface like ours makes it easier for the user to read and understand the necessary concepts. In case if user gets stuck somewhere and needs a suggestion or advice regarding the given roadmap then they can discuss about it within the discussion area which is provided in every roadmap which will save them a lot of time. Users can also raise and answer several questions that may arise during their study. Users are also provided an opportunity to contribute for the website by providing or suggesting their own roadmaps. These results matter a lot because overall they providing the best content for the users within a short span of time. The website cannot provide its own suggestions like suggesting a roadmap or job for a particular user with respect to the field which they have chosen which is still a limitation of this website. So, for further improvement addition of such features should be considered by the future developers which will make this website much more useful. Use of latest web technologies for further research might be a good decision.

Conclusion

An individual who is trying to build his/her own career will have a clear idea about what they need to do to pursue their career as they will have a roadmap with them. People will get a trustworthy website where they can search about the roadmap they need to know about their career. It will increase the employment rate in our country as people will be gaining more and more knowledge and will become eager to learn new things. It will save a lot time to all those individuals who are surfing on the internet through hundreds of websites and ‘Profession Hub’ will become a one stop destination for them. Kids under the age of 10 to 15 will have an opportunity to discover new areas and fields of Education, Arts etc. which will provide them a clear vision of their goals. People will become more aware about several other fields and interests that they can discover to convert their hobbies into a profession. People will be able to maintain the consistency they need to become a job ready professional.

Acknowledgements

We would like to acknowledge the support and guidance of (Mrs.) Snehal Bhujade in the development of the Career Roadmap Provider. We would like to extend our gratitude to our colleagues and mentors who provided us with valuable insights and advice during the development of this project.

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