

AI Powered Job Matching Platform

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Abstract:

The AI Powered Job Matching Platform is designed to connect job seekers with suitable companies using intelligent matching techniques. The system allows users to create profiles, upload resumes, and apply for jobs based on their skills and qualifications. Companies can post job openings and review candidate applications, while administrators manage the overall platform operations. The platform analyzes user profiles and job requirements to suggest suitable job opportunities. It simplifies the recruitment process by automating job recommendations and allowing companies to accept or reject applications efficiently. The system provides a user-friendly interface that enables job seekers to explore opportunities while helping companies find the most relevant candidates.

Keywords — Put your keywords here, keywords are separated by comma.

I. INTRODUCTION

The **AI Powered Job Matching Platform** is designed to simplify the job search and recruitment process. It helps job seekers find suitable job opportunities based on their skills, qualifications, and experience, while companies can easily find the right candidates for their job openings. The system allows users to create profiles, upload resumes, and apply for jobs. Companies can post job listings and review applications, with options to **accept or reject candidates**. The platform uses intelligent matching techniques to connect job seekers with relevant job opportunities.

The system is developed using **HTML, CSS, Bootstrap, JavaScript, jQuery, Python, Django, and SQLite**, providing a user-friendly interface and efficient data management for both users and companies.

PAGE LAYOUT

Page Layout refers to how the content of your document is arranged and formatted on each page. It ensures that the report looks neat, professional, and easy to read.

Explanation:

Page layout includes several formatting elements:

1. Margins

Space around the edges of the page (top, bottom, left, right)

Common setting: 1 inch (2.54 cm) on all sides

2. Orientation
 Direction of the page
 Portrait (vertical) – most commonly used
 Landscape (horizontal) – for wide tables/diagrams

3. Font Style & Size
 Common fonts: Times New Roman, Arial
 Font size:
 Headings: 14–16
 Content: 11–12

4. Line Spacing
 Space between lines
 Usually 1.5 or double spacing for readability

5. Alignment
 Text alignment:
 Left
 Center
 Right
 Justified (most used in reports)

6. Header and Footer
 Header: Top of the page (title, chapter name)
 Footer: Bottom of the page (page numbers)

7. Page Numbering
 Helps organize the document
 Usually placed at the bottom center or right

A. Figures and Tables

Figure 1: Login Page

Caption (write below image):

Figure 1: Login Page of AI Job Matching Platform

Explanation (write below or in paragraph):

This figure shows the login interface of the system where users can enter their email and password to access their account. It also provides a registration link for new users who are not yet registered on the platform.

Figure 2: Registration Success Message

Caption (write below image):

Figure 2: Registration Success Alert

Explanation:

This figure displays the confirmation message shown after successful user registration. It informs the user that the registration process has been

completed successfully and provides an option to proceed further.

How to Add in Your Report (Important Format)



Figure 1: Login Page of AI Job Matching Platform

Fig. 2 Registration Success Alert

Explanation:

This figure displays the confirmation message shown after successful user registration. It informs the user that the registration process has been completed successfully and provides an option to proceed further.

How to Add in Your Report (Important Format)

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B. Figure Captions

Figures A figure caption is a short title or description written below a figure (image, diagram, graph).

Purpose:

It explains what the figure shows
 Helps the reader understand the image quickly
 Gives proper numbering to figures

How to Write a Figure Caption

👉 Format: Figure [number]: Title/Description

👉 Always:

Write it below the image
 Keep it short and clear
 Use proper numbering (Figure 1, Figure 2, etc.)

Examples (Based on Your Images)

Figure 1: Login Page of AI Job Matching Platform

(explains login screen with email and password fields)

Figure 2: Registration Successful Message

(shows confirmation after user registration)

Important Rules

Caption is always below the figure

Use bold or same format for all captions

Maintain continuous numbering

Refer in text

👉 Example: “As shown in Figure 1...”

In Simple Words:

👉 Figure Caption = Name + Description of Image (written below it)

If you want, I can: ✓ Format your complete project with all figure captions properly

✓ Show how to insert captions automatically in MS Word 👍

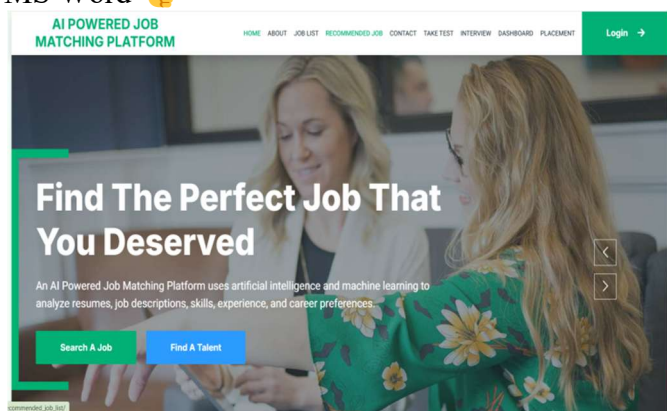


Fig. 1 Example of an unacceptable low-resolution image



Fig. 2 Example of an image with acceptable resolution

C. Table Captions

- Tables **What they are:** Labels or descriptions added to tables (e.g., “Table 1: Employee Data”).
- **Purpose:**
 - Help readers understand what the table represents.
 - Make it easier to reference tables in text (e.g., “see Table 2”).

• Key features:

- Usually numbered automatically.
- Can be used to generate a *List of Tables*.

Page Numbers, Headers and Footers

Page numbers, headers and footers must not be used.

D. Links and Bookmarks

E. or hyperlinks, are clickable text or objects in a document that redirect readers to other sections of the same document, external websites, or additional resources. Internal links allow readers to jump to a different part of the document, such as a chapter or table, while external links provide access to relevant websites or references outside the document. This feature is essential for improving document navigation and accessibility.

F. **Bookmarks** are like labeled shortcuts within the document that mark specific sections. These bookmarks allow users to quickly navigate to important areas in the document by creating internal links that direct to the bookmarked section. Bookmarks are especially useful for lengthy documents, allowing users to jump directly to key areas without having to scroll through the entire content.

II. CONCLUSIONS

The AI Powered Job Matching Platform provides an efficient and intelligent solution for connecting job seekers with companies. By analyzing user profiles and job requirements, the system recommends suitable job opportunities and simplifies the recruitment process. The platform helps job seekers find relevant jobs while enabling companies to manage applications efficiently through accept and reject options.

The use of modern web technologies ensures smooth system performance and a user-friendly interface. With future improvements and advanced matching techniques, the platform can become a powerful recruitment solution for both employers and job seekers.

ACKNOWLEDGMENT

The Acknowledgement is a section in a project or report where you express your gratitude to the people who helped and supported you during the completion of your work.

Explanation:

It is usually placed at the beginning of the report (after the title page).

In this section, you thank:

Your teachers or project guide

Your college/institution

Friends or family (if needed)

It shows respect and appreciation for guidance and support.

Example (Short):

“I would like to express my sincere gratitude to my project guide for their valuable guidance and support throughout this project. I also thank my college for providing the necessary resources to complete this work.”

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