ONLINE JOB PORTAL

SYNOPSIS

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ABSTRACT

The traditional method of searching for jobs can be a cumbersome and time-consuming process, requiring job seekers to sift through numerous job postings and submit applications through various channels.

An online job portal offers a more efficient and convenient way for job seekers to find suitable job opportunities and for employers to fill job vacancies. This report discusses the development of an online job portal using technologies such as PHP, HTML, CSS, JavaScript. The report outlines the key steps involved in the development process, including requirements gathering, design and wireframing, development, testing, and deployment.

In addition to the technical requirements and tools outlined in the report, it's also important to consider the security and privacy implications of an online job portal, including protecting sensitive information and preventing fraud or scams.
Successful online job portals require ongoing maintenance and updates to ensure that they remain effective and meet the evolving needs of job seekers and employers.

The report demonstrates how these technologies were used to create a dynamic and interactive platform that meets the needs of both job seekers and employers. Overall, this report serves as a valuable resource for those interested in creating an online job portal, providing insights into the technologies and development process involved.

Acknowledgement

It gives us a great sense of pleasure to present the synopsis of the B.Techmini project undertaken during B.Tech III Year. This project is going to be an acknowledgement to the inspiration, drive and technical assistance will be contributed to it by many individuals. We owe special debt of gratitude to Mr. Akash Kumar Chaudhary, Technical Trainer, for providing us with an encouraging platform to develop this project, whichthus helped us in shaping our abilities towards a constructive goal and for his constant support and guidance to our work.

His sincerity, thoroughness and perseverance has been a constant source of inspiration for us. We believe that he will shower us with all his extensively experienced ideas and insightful comments at different stages of the project & also taught us about the latest industry-orientedtechnologies. We also do not like miss the opportunity to acknowledgethe contribution of all faculty members of the department for their kind guidance and co-operation.

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INTRODUCTION

Online job portals have become increasingly popular in recent years as a means of connecting job seekers with employers. These digital platforms provide a convenient and accessible way for both parties to find each other and streamline the recruitment process. In this report, we will discuss online job portals in detail, including their features, benefits, and the technologies used to create them.

Objective:-

Online job portals offer a wide range of features for job seekers and employers alike.

- To create a profile on the platform, which includes their personal details, education, work experience, and skills.

- To upload their resume to the platform, which allows employers to easily view their qualifications.

- Can search for job opportunities based on their preferences such as location, industry, and job title.

- Job alerts which can notify them when a new job opportunity that matches their preferences becomes available.

- To get notification of companies that are hiring employee.

- To help job seekers create a professional-looking resume.
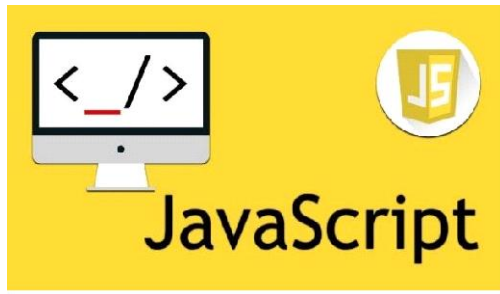
Technical Details and Requirements

HTML 5 & CSS 3

- HTML5 is the latest and most enhanced version of HTML. Technically, HTML is not aprogramming language, but rather a markuplanguage. In this tutorial, we will discuss the features of HTML5 and how to use it in practice.

- Cascading Style Sheets (CSS) is a style sheetlanguage used for describing the look and formatting of a document written in a markup language. CSS3 is a latest standard of css earlier versions(CSS2)

JAVASCRIPT

- JavaScript is the world's most popular programming language. JavaScript is the programming language of the Web. JavaScriptis easy to learn.

- It is also known as scripting language for web pages. It can be used for Client-side as well asServer-side developments.

- JavaScript can be embedded inside HTML. It adds dynamic content to website to make them look good.
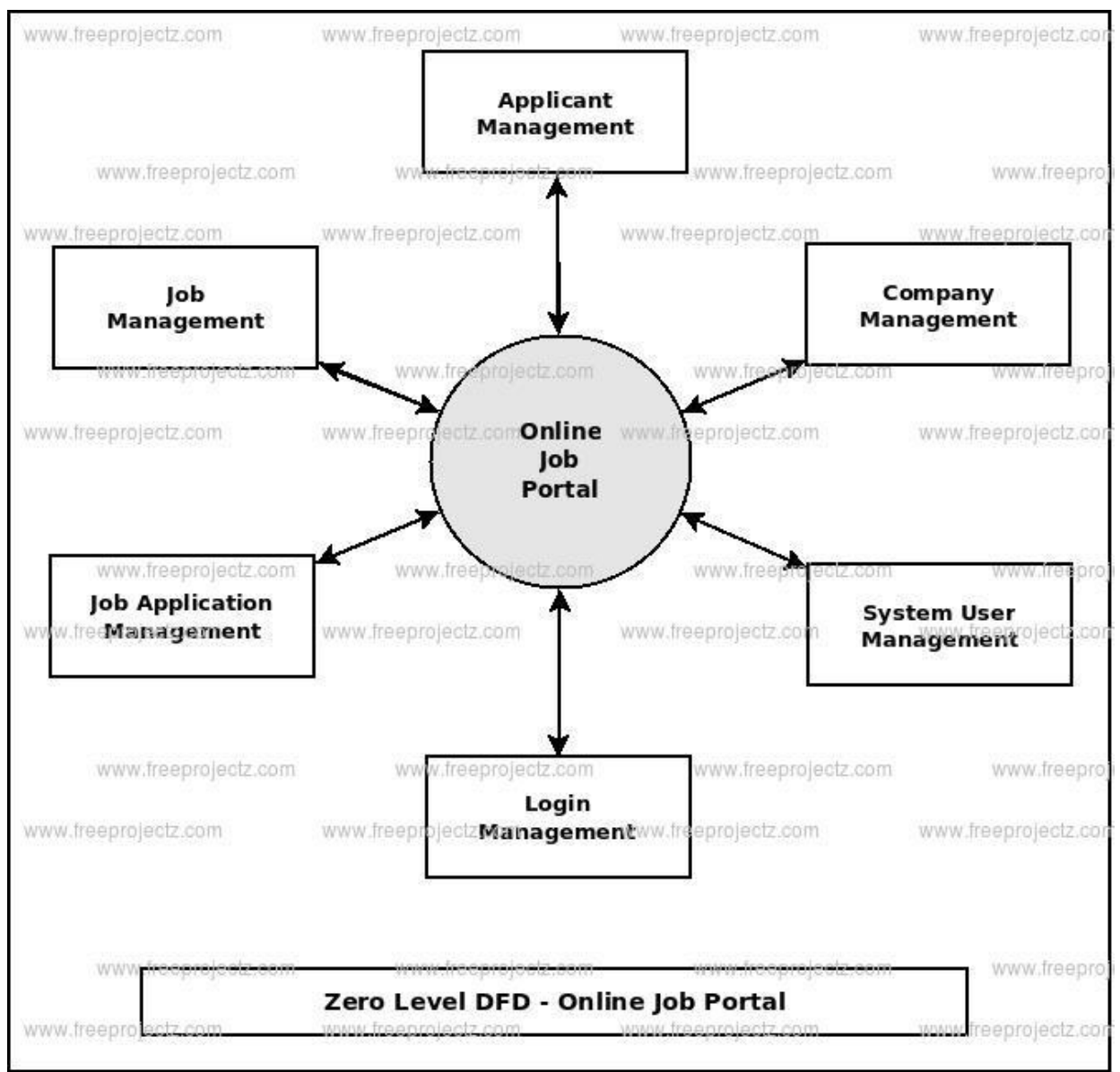
PHP

PHP code is usually processed on a web server by a PHP interpreter implemented as a module, a daemon or as a Common Gateway Interface (CGI) executable. On a web server, the result of the interpreted and executed PHP code – which may be any type of data, such as generated HTML or binary image data – would form the whole or part of an HTTP response. Various web template systems, web content management systems, and web frameworks exist which can be employed to orchestrate or facilitate the generation of that response

BOOTSTRAP

Bootstrap is a popular open-source front-end web development framework that helps developers build responsive and mobile-first websites quickly and easily. It provides a set of pre-designed HTML, CSS, and JavaScript components, such as navigation bars, forms, buttons, and typography, that can be easily integrated into any web project. Bootstrap also includes a powerful grid system, which allows developers to create complex layouts with ease, and supports customization through its SASS variables and mixins. Overall, Bootstrap is an efficient tool for web development that saves time and effort in creating modern, professional-looking websites.

DFD

Zero Level DFD - Online Job Portal

Working And Implementation

The development process for an online job portal typically involves the following steps:

Requirements gathering: The first step is to gather requirements from stakeholders and determine the features and functionality needed for the portal.

Design and wireframing: The design and layout of the portal are created, and wireframes are developed to show the overall structure and flow.

Development: The actual development of the portal begins, including creating the necessary HTML, CSS, JavaScript, and PHP code, as well as integrating with a database.

Testing: The portal is thoroughly tested to ensure that it is functioning as expected, and any issues or bugs are addressed.

Deployment: The portal is deployed to a server and made available to the public.

Contribution

An online job portal project can make a significant contribution to the employment ecosystem in several ways, including:

1. Connecting job seekers with employers: Online job portals can provide a platform for job seekers to search for suitable job opportunities and apply to them. This can help to streamline the recruitment process and make it easier for employers to find suitable candidates.
2. Providing access to a wider pool of job opportunities: Online job portals can allow job seekers to access a wider range of job opportunities, including those outside of their local area.
3. Facilitating the application process: Online job portals can make it easier for job seekers to apply for jobs by providing a standardized application process and allowing them to upload their resume and other supporting documents.
4. Improving transparency and accountability: Online job portals can improve transparency and accountability in the recruitment process by allowing job seekers to track the status of their applications and providing feedback on the recruitment process.

Extension for Major Project

Job posting and management: The core functionality of your job portal mini project may allow users to post job listings and view job listings. To make it more comprehensive, you could add features such as job matching algorithms, applicant tracking, job analytics, and integration with applicant tracking systems (ATS).

Communication and collaboration: To make your job portal more interactive and user-friendly, you could add features such as real-time chat, video interviews, and collaboration tools for employers and job seekers.

Payment and billing: If you plan to monetize your job portal, you could add a payment and billing system to process payments for job postings, resume upgrades, and other premium features.

Mobile app development: To make your job portal more accessible, you could develop a mobile app for iOS and Android platforms that provides all the functionality of your web-based job portal.

Conclusion

Online job portals are an essential tool for both job seekers and employers, providing a convenient and efficient way to find and fill job vacancies. The technologies used to create these portals, including PHP, HTML, CSS, JavaScript,, allow for dynamic and interactive platforms that meet the needs of both parties. By following the development process and using the necessary tools and technologies, an effective and successful online job portal can be created.

References

- www.Wikipedia.com
- www.javatpoint.com
- www.betalabs.in
- www.google.com

Faculty Guidelines:

Mr. Akash Kumar Chaudhary, Technical Trainer

GitHub Repository Link:

[anuragsingh239/Job_Portal (github.com)](github.com)