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Department of Computer Engineering,

St. Vincent Pallotti College of Engineering &amp; Technology, Nagpur,

**SURVEY PAPER ON RECRUITMENT APP****applications would be kept in a centralized database for simple management and access.**

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**1. Abstract:**

The Project Recruitment Application Processing is a technology that HR may use to automate the recruiting of human resources. Applicants can also register online, read the organization's criteria, and apply for jobs that fit their qualifications. that supports hiring management within the Salesforce environment for recruiters. The programme would offer a centralized platform for recruiters to monitor job listings, applicant applications, and the entire recruiting process. With the use of the software, recruiters could easily build job postings that could then be easily shared on various job boards and social media sites. Direct applications from candidates would be accepted through the app, and those

**KEYWORDS:** Cloud Computing, Internet, Technology, Apex, HR, Recruitment.

**2. INTRODUCTION**

Recruitment is a process to discover the sources of manpower to meet the requirement of the staffing schedule. It also entails using efficient methods to attract the necessary people in insufficient quantities to enable efficient personnel selection. Recruiting enables you to keep tabs on job ads made by your organization on employment portals and analyse job applications from the point at which a new position is created through the interviews intended to fill it. You'll be able to simply track your progress towards filling a particular post and manage the scheduling of interviews from a single spot. Small- to medium-sized businesses benefit from recruiting since it provides a central location for hiring managers and recruiters to keep track of the applicant pool and browse job and candidate postings. Due to the accessibility of cloud-based recruiting software solutions, productivity has substantially risen and administrative expenses have decreased for instigation of all sizes. Recruiters and hiring managers have a lot of freedom when using cloud recruiting software since it can be accessed from any location and on any device. To put it another way, you can always stay on top of your game using cloud-based recruitment software. Even a smaller company may automate and streamline its employment procedures with little upfront expenditure. Tracking dispersed recruiting data is made easier using applicant tracking software. Your applicant communication, reporting, and resume database may all be entranced on a single platform. A cloud-based recruiting programme can help you save time, boost visibility, and cut expenses.

**3. LITERATURE SURVEY**

With the help of the application mentioned in the article, sales professionals may enter and manage customer data, sales orders, and product information in real-time from any location with internet connection. Using the application's real-time statistics on sales performance, managers may make decisions about their sales strategy. [1]

"Next Generation of Computing through Cloud Computing Technology" was the title of a presentation presented by Muhammad BM, Khazi RI, and Insider SI at the 25th IEEE Canadian Conference on Electrical and Computer

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Engineering in 2012. In the article, it is discussed how cloud computing technology will play a crucial role in the future of computing. Infrastructure-as-a-Service (IaaS), Platform-as-a-Service (PaaS), and Software-as-a-Service (SaaS) are just a few of the several cloud computing models that are addressed. Also discussed are the benefits of cloud computing, such as scalability, cost, and flexibility.[2]

The job search process has been transformed by the internet, the author claims, and is now speedier and more efficient for both job searchers and employers. Using keywords in Linked-In profiles and resumes, building A few of the tips the author gives to assist job searchers effectively navigate the digital job search environment include using keywords in resumes and Linked-In profiles, creating a trustworthy online presence, and using social media to network and study possible employers.[3]

The evaluation's conclusions showed that while the recruiting app performed excellently in terms of efficacy, efficiency, and satisfaction, it had some issues with learnability and safety. The authors propose adding more warning messages and providing more detailed instructions to the software in order to improve its safety and understand-ability.[4]

The essay discusses the many ways that social media may be utilize for hiring, such as posting job positions on networking websites like Linked-In and Twitter and connecting with applicants in online forums and communities.

The author also emphasis's how important it is to build a solid employer brand on social media, since this may help recruit top talent and boost a company's reputation. Also highlighted in the article are the many components of electronic recruiting[5].

**4. OBJECTIVE**

- To design a hiring tool that facilitates the hiring procedure and tags hired people with positions.
- To provide a location for data storage.
  
- To save the time-consuming and laborious manual generation of several sheets.
- To enable HR to access the candidate pool and select those that best suit the requirements of the company.
  
- SCOPE with the help of this programme, the employment process is automated, which further simplifies things.
- This application automates the employment process, which further simplifies it. HR can obtain a list of applicants through a recruiting application and select those that satisfy the requirements of the company. The candidates who advance to each step of the screening process are tracked by this application. Positions with information about the wage, location, tenure, and job description may be offered to chosen candidates. With the use of this application, HR may monitor a candidate's data both before and after sending emails.

**5. MATERIAL AND METHODS**

To deal with this problem In addition to tracking the prospects, applications for recruiting can automate the interviewing process. Candidates who have been shortlisted can automatically get emails from this application. Your data is not stored in any way on these websites. In this programme, a list of the selected candidates is kept after each round of interviews. Since your data is already kept on the cloud, you do not need to keep this programme open at all times. To access it from your mobile device, you only need to install the Sales force mobile app.

The development of an application will allow the firm to swap out the Microsoft Word documents and Microsoft Excel spreadsheets it has been using in the past with an application that is always available. As a result, the "Recruiting App" will assist in finding employees for the company while saving time and labour costs. This recruiting app on the Force.com cloud platform will be built using the Visual Force framework and the Apex programming language.

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**5.2 BENEFITS OF PROPOSED SYSTEM**

- By creating an application, the company will be able to replace the Microsoft Word documents and Excel spreadsheets it has previously used with a tool that is always available.
- Thus, by saving time and effort, this "Recruiting App" will aid in finding new employees for the company.
- On the Force.com cloud platform, this recruiting app will be created using the Visual Force framework and the Apex programming language.
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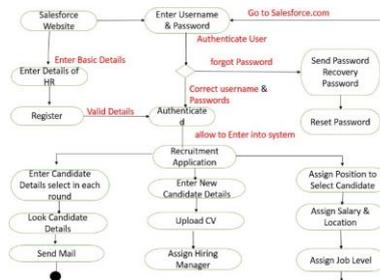


Figure 1. Login System [Login System in Recruiting app based in salesforce]

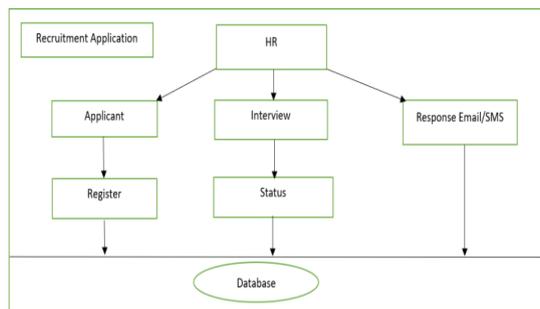


Figure 2. System Architecture

[System Architecture of Recruitment Application & It is use for data Store.]

**1. SYSTEM FEASIBILITY**

(A) **ECONOMICAL:** Cost benefit analysis is carried out in economic feasibility in order to assess predicted costs and benefits. An economic study is done to gauge how successful the suggested method is. As the name implies, it is an examination of the system's expenses to incur and benefits that may be derived from it. **TECHNICAL:** A feasibility study's goals include determining whether an information system project is feasible and outlining potential alternatives. Technical feasibility analysis has a big role in resource allocation. It takes into account the project's technological needs.

(B) **BEHAVIOURAL:** There is a straightforward form to complete, and the service doesn't call for any unclear entries; all behavioral entries are straight forward and GUIbased.

**2. RESULT**

Streamlining the hiring process: Salesforce recruitment solutions may help businesses automate and streamline

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the hiring process by centralizing applicant data, managing job advertisements, and tracking candidate progress. Increasing the applicant experience: Recruiting tools in Salesforce may help businesses provide candidates a more smooth and tailored experience by allowing automatic communication, scheduling, and follow-ups. cooperation enhancement: By providing a common platform for handling recruitment data and workflows, recruiting applications in Salesforce may assist businesses in enhancing cooperation between recruiters, hiring managers, and other stakeholders. Making decisions based on data: Salesforce recruitment solutions may help companies make data-driven hiring decisions by providing real-time analytic and reporting on important factors like time to hire, candidate sources, and applicant demographics.

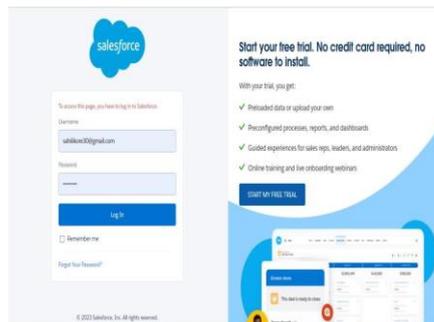


Figure 4. Login Page

[Process entire in login System, We are enter the data and also create data ,delete, update, edit data in field. It also support the data stored]

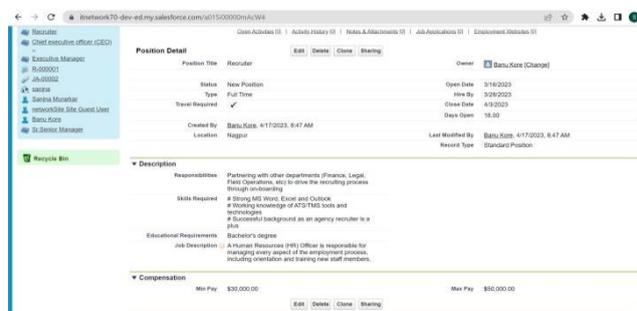


Figure 5. Edit Page

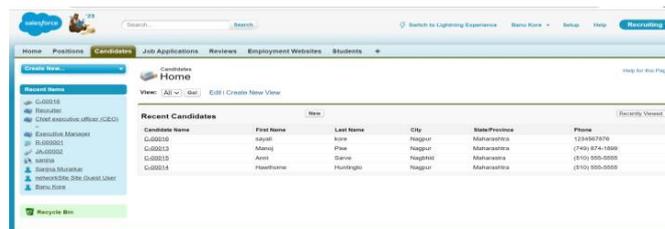


Figure 6. Data.Base

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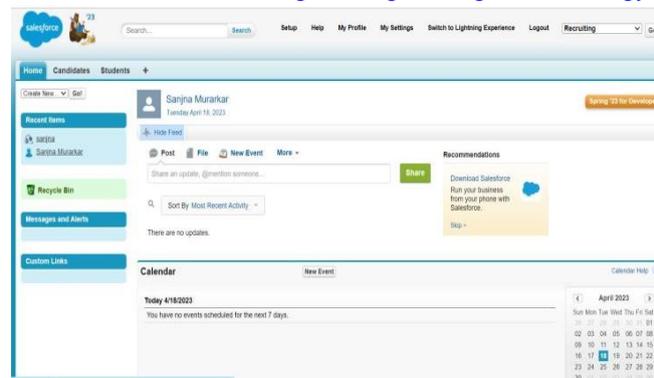


Figure 7. FrontPage

### 3. CONCLUSION

In conclusion, a Salesforce recruitment tool may assist organizations of all sizes become more efficient and streamline the hiring process. Recruiters can manage the full recruiting life-cycle, from job advertising to applicant on-boarding, by listing the strong tools and technologies offered on the Salesforce platform, which also provides real- time insights into recruitment performance.

The Salesforce recruitment app has to include capabilities like applicant management, job posting and management, scheduling of interviews, collaboration, reporting and analytic s, compliance, and a good candidate experience. Organizations can guarantee that the app is produced on time and on budget by planning and scheduling the app's development, assigning roles and duties, and employing a testing and deployment strategy.

### 10.REFERENCE

1. Sai Shah, Sandesh Tonde, and Vijay Vhanale, "Recruiting App - A Custom App Development in Cloud", International Journal of Multidisciplinary Research and Development 2015; 2(1): 41–44.
2. Muhammad BM, Kazi RI, and Sikder SI, "Next Generation of Computing through Cloud Computing Technology," in 25th IEEE Canadian Conference on Electrical and Computer Engineering (CCECE), 2012 IEEE.
3. Changling S. Research of E-Commerce Based on Cloud Computing, D. Jin and S. Lin (Eds. ), Advances in CSIE 2012; 2(169):15–20.
4. Doherty, R., Getting Social with Hiring Strategic HR Review, 9(6), 1115 (2010); doi:10.1108/14754391011078063
5. Gibbs, C., F. MacDonald, & K. MacKay, "Hotel Human Resources Use of Social Media: Recruitment, Hiring, and Communication." The International Journal of Contemporary Hospitality Management, 27(2) (2015), 170-184, doi:10.1108/ijchm-052013-0194
6. Jocelyn S. P., The Internet Revolution: Digital Disruption in Recruiting and Job Search Journal of Career Planning and Adult Development 32(2) (2016): 17.
7. Patil, V. S., and Patil, N. V., E-recruitment, Kapse, A. S. 2012, 82–86, International Journal of Engineering and Advanced Technology, 1(4).
8. Barreto, D. M., and B. Alturas, "Quality-in- use app evaluation: case of a recruitment app for Portuguese SMEs," jisem.201801, doi:10.20897.International Journal of Engineering and Technology (IRJET), Vol. 4, Sept. 2017, Arockia Panimalar S, Priyadharshan R, Mithun Kumar R, and Visweshwaran G. "Salesforce.com - Cloud Provider."
- 9 .Ahmed M. Mohammad AH, Cloud Computing and Security Issues in the Cloud, International Journal of



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Network Security & Its Applications (IJNSA), 2014, 6(1).

10. Dr. Yogita Gupta, "Literature review on E- Recruitment: A step towards paperless HR", International Journal of Advance Research in Computer Science and Management Studies in 2016. [8] Falanaka E (2002), "The Decision to recruit Online: A Descriptive Study", Career International Development, Vol. 7, No. 4, pp. 243-251

11. RECRUITMENT APP A CUSTOM APPLICATION ON SALESFORCE.COM Computer Technology, KDKCE Nagpur, India Sakshi Kadu; Herald V. Mkhitar; Kartik K.Hinge; Nikhil Choke.

12. Issa Khalil M, Krishan A, Muhammad A. Cloud Computing Security: A survey, Computers 3(1):1-35.

13. Radha Krishna P. Varma KI, Cloud Analytics A Path towards Next Generation Affordable BI, 2012.