



INDIANA UNIVERSITY
BLOOMINGTON

DSCI-D 532 Applied Database Technologies

Job Tracker

Shalini Kothuru(skothuru@iu.edu)

March 10, 2024

1. Project Summary

Our project is all about making job hunting easier. We are building an application that keeps track of job applications, so you don't have to. It helps you stay organized, follow up on job applications, and see what's happening in your job search.

2. Project Description

2.1. Objective

The primary objective of the Job Quest Log website is to offer users a comprehensive and user-friendly platform to efficiently manage and track their job applications. This includes the job application submission dates, the status of each application, and follow-up actions. The website aims to help job seekers by providing them with valuable insights through visualizations in the interface and metrics related to their job search process, thereby enabling them to make informed decisions and optimize their job search strategy. Additionally, the website seeks to facilitate better organization and time management by allowing users to schedule and manage follow-up reminders for communication with companies, recruiters, or interviewers, ensuring that users can maintain proactive engagement with their job applications.

2.2. Usefulness

The usefulness of the Job Quest Log application lies in its ability to provide a centralized platform for job seekers to organize and manage their job application process effectively. We have listed some of key aspects of its usefulness below:

1. Enhanced Organization: Users can maintain a detailed record of all job applications, including dates of application and the status of each application, in one place. This eliminates the need for manual tracking methods, such as spreadsheets or physical notebooks, making the job search process more streamlined and less overwhelming.
2. Insightful Analytics: By offering interactive user interface representations and metrics of the user's job application efforts, the website enables users to identify trends, strengths, and areas for improvement in their job search strategy. This can include

insights into which industries or job roles they are having more success in, and how their application volume correlates with interview requests.

3. Proactive Follow-Up Reminders: The ability to schedule and receive reminders for follow-ups with companies, recruiters, or interviewers ensures that users stay on top of communication and do not miss opportunities to engage or provide additional information that could influence their application's success.

4. Time Management: By organizing and tracking all job applications and follow-up actions in one place, users can save time and reduce the stress associated with keeping track of multiple application timelines and deadlines manually.

5. Accessibility and Convenience: Being an online platform, Job Tracker allows users to access their job application records from anywhere at any time, providing flexibility and convenience for job seekers who are often on the move or managing their search alongside other commitments.

Overall, the Job Quest website is designed to make the job application process more efficient, less stressful, and more successful for job seekers by providing the tools and insights needed to manage and optimize their job search efforts.

2.3.Dataset

We will be compiling our own dataset, by utilizing web scrappers to compiling sufficient data, from job postings, internship listings, etc. But since Job Quest Log is a website to track job applications, majority of the data will be generated and updated by the user as and when he/she applies for a position.

2.4.Sharing

A [GitHub](#) repository has been set up to upload all the project-related documentation. We are using Microsoft Word to make all the reports, all of which will also be uploaded to the repository to maintain records.

We are using Microsoft Teams for communications to brainstorm and design the project, distribute the tasks and collaborate.

