

This document compares the updates to SRIJAS and how this version of SRIJAS improves the initial version of SRIJAS. There are various changes made to the initial version of SRIJAS which makes it different. The changes made are listed below:

- **Added ‘location’ filter**

Location preference is taken as input from the user and link of jobs at the given location is emailed to the user.

- **Added ‘type of job’ filter**

Type of job preference is taken as input from the user and links of jobs matching the user preference is emailed to the user. Type of job includes full-time, part-time, internship, etc.

- **Added ‘experience level’ filter**

Experience level of the user is taken as input from the user and links of jobs matching the user preference is emailed to the user.

- **Added threshold for skill matching**

In keyword_extraction_modules, threshold is defined for matching skills in user resume and skills in the job description. The job link will be sent only if the matching ratio is more than the threshold.

- **Scrapper Update**

In the first phase, links from linkedIn and Glassdoor were only sent to the user. In the second phase, we added one more web portal - Indeed to search through the jobs according to the skills of the user in his/her resume and job preferences (like job location, type of job and experience level) of the user. And the matched links of jobs are emailed to the user.

- **Login functionality**

Users can login on the portal; added login.php and verifyLogin.php to provide this functionality.

- **Code Refactoring:**

Merged common functionalities in files (i) scrapper.py (that searched through jobs at linkedIn) and (ii) scrapper_glassdoor.py (that searched through jobs at linkedIn) in a new file scrapper_main.py and function calls from scrapper_main are made in scrapper_linkedin.py, scrapper_glassdoor.py and scrapper_indeed.py.

- Scrapper_main.py: scrapper_main.py connects to the database and fetch the data provided by the user and use it to search jobs based on the data.

- Scrapper_linkdeIn.py: scrapper_linkedIn.py searches for the jobs based on the user preferences provided in the linkedIn website by applying the advanced filters. It returns the link and job description associated with it in the form of a dictionary along with a list of job title.
 - Scrapper_glassdoor.py: scrapper_glassdoor.py searches for the jobs based on the user preferences provided in linkedIn website by applying the advanced filters. It returns the link and job description associated with it in the form of a dictionary along with a list of job title.
 - Scrapper_indeed.py: scrapper_indeed.py searches for the jobs based on the user preferences provided in linkedIn website by applying the advanced filters. It returns the link and job description associated with it.
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- **UI updates :**
Added the user Interface of the home.php and login.php file.
Login.php is the login page of a website where the user enters their data and uploads their resume.
 - **Configuration Management :**
Added shell script for terraform automation
 - **Database updates:**
Modified database to add user location, user password and user threshold parameter to user_master table. Inserted data in the job_master table related to the type of jobs available on different websites. Added required skills available on different websites skill_master table.
 - **File Update:**
Created different file for sending emails to the user
 - **Notifications Update:**
Added notifications of location of jobs, type of jobs and description regarding the available jobs by email.

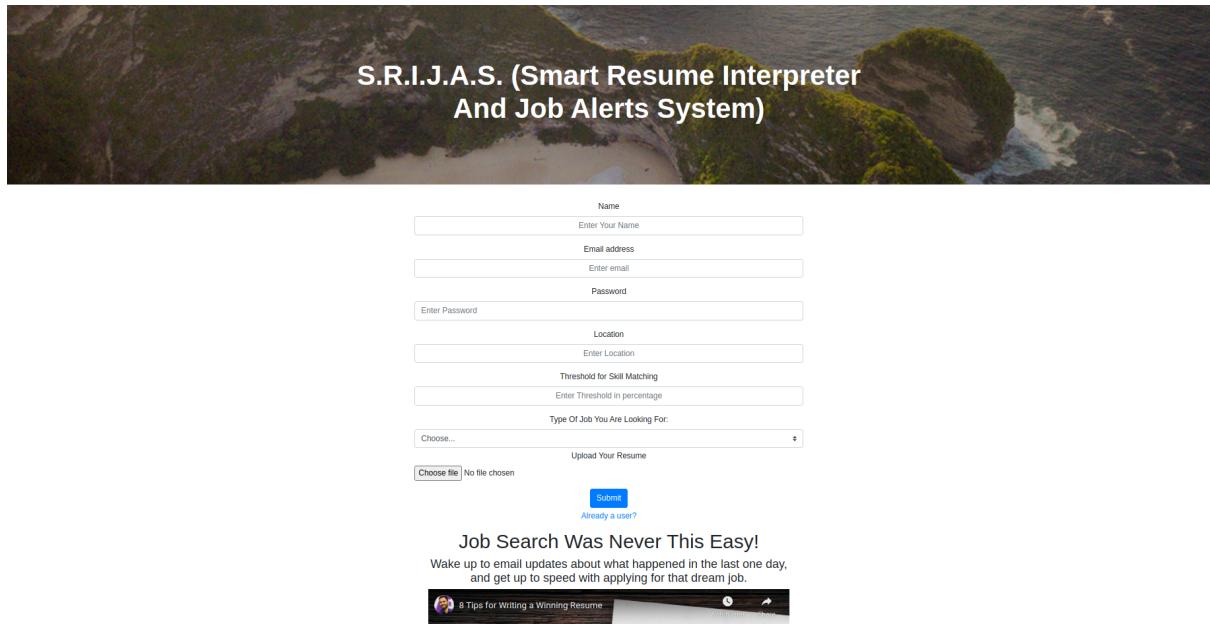
Job Listings External Inbox X

 srijas.alerts@gmail.com
to me ▾

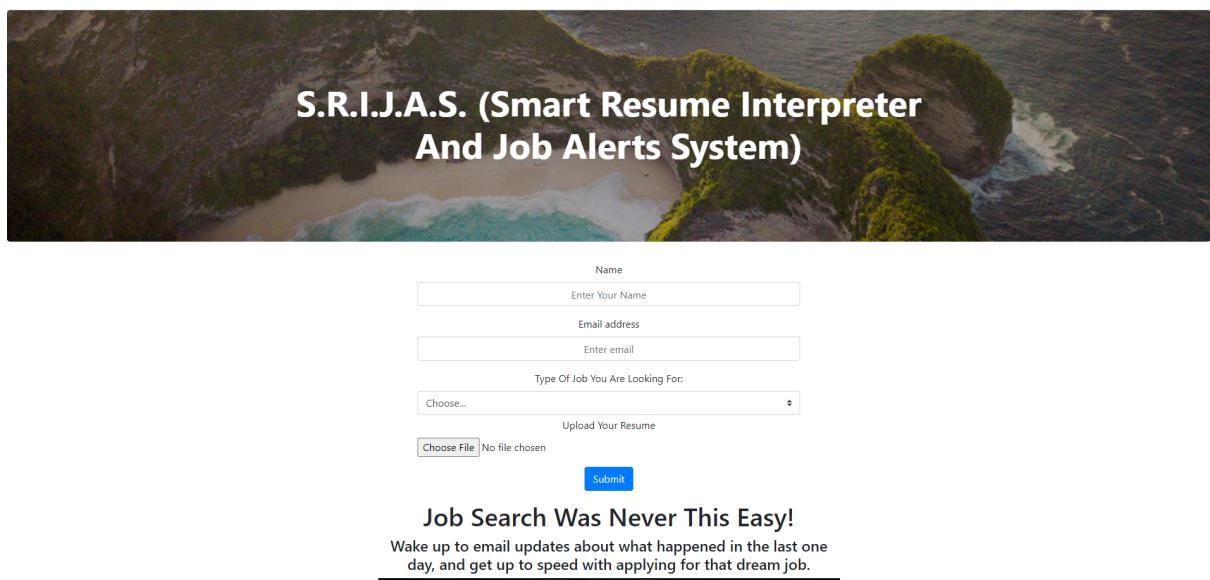
Hi, PFA the attached list of jobs that match your resume
1. SoftwareEngineer(Remote): [Click here](#)
2. SoftwareEngineer-Platform: [Click here](#)
3. SoftwareEngineer-Repos: [Click here](#)
4. SoftwareEngineer-CodetoCloud: [Click here](#)
5. SoftwareEngineer(WebDeveloper): [Click here](#)
6. Software Engineer: [Click here](#)
7. Software Engineer (U.S. CITIZENS ONLY): [Click here](#)

Reply Forward

Email notifications sent to the user using SRIJAS for job url matching the user preferences and job description for the same.



Updated user interface for fetching user's details



Home page of SRIJAS

Skills matched with the Job Description

C
Java
Python
C++
SQL
Go
R
Perl
MATLAB
AWS
Azure
GCP
Terraform
node.js
Git
Flask
OpenCV
Tensorflow
Scikit-learn
Keras
MySQL
MongoDB
PostgreSQL
JavaScript
PHP

[Logout](#)

[Upload New Resume](#)

Skills matching the job description



**S.R.I.J.A.S. (Smart Resume Interpreter
And Job Alerts System)**

Email address Enter email

Password Enter password

Made with  Contribute on GitHub.

Login Page of SRIJAS