ABSTRACT

The recruitment process for government sector jobs involves manual screening of numerous resumes, leading to inefficiencies and delays. This project proposes an Automated Resume Parsing and Question Generation System (ARPQGS) integrated with a Govt. Sector Jobs Help Desk. ARPQGS utilizes Natural Language Processing (NLP) and Machine Learning (ML) techniques to parse resumes, extract relevant information, and generate questions for interview preparation. The system aims to streamline the recruitment process, reduce manual labour, and enhance candidate evaluation. The integrated Govt. Sector Jobs Help Desk provides assistance to job seekers, offering resume parsing, question generation, and job matching services. This project demonstrates the potential of ARPQGS to improve the efficiency and effectiveness of government sector recruitment processes.

USER MODULE

For Private Sector:

- Profile Registration
- Resume upload and Parsing
- Fault Detection
- Dynamic Question Generation
- Question Presentation and User Response Profile Review and Editing

For Public Sector:

- Profile Generation
- Relevancy Check
- Govt. Jobs(Job Details such as: Introduction , Vaccancy..etc)
- Vacancy Reporting
- Eligibility Checking(using Physical and Medical also)
- Notification and Alert
- Study materials
- Resource Recommendation
- Mock Test & Written test
- Talk to Experts
- Eligible Jobs Using Profile
- Eligible Jobs Recommendation
- No Idea Crisis

ADMIN MODULE

- Resume Handling
- Communication
- Complaint Handling
- Resume Data and Question response Viewing

Question Template Management
Candidate Evaluation and Scoring
Shared Functions
Data Storage and Security
Error Handling and Notifications

EXPERT MODULE

Register
Login
Appoinment
Communication (Talk to candidates)