**Project Report**

**1. Project Title:**  
Resumind: Smart Resume Builder and Scorer

**2. Team Information:  
Team Name:** Resumind  
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**Class/Grade:** 4th B. Tech CSE(AI)   
**Project Duration:** July 29 2025 to Aug 4 2025

**3. Abstract (Summary):**

* Resumind is a smart web-based app that helps users create professional resumes, upload existing ones, and receive instant feedback and ATS scores. It uses machine learning and text analysis to give suggestions, highlight missing keywords, and help users match their resumes to job descriptions. It is useful for students, freshers, and job seekers looking to improve their resume quality quickly and easily.

**4. Objective / Problem Statement:**

* Many job seekers struggle to make strong resumes that pass-through Applicant Tracking Systems (ATS). Our goal was to solve this problem by making an app that automatically analyzes resumes and helps users create better ones. We chose this topic because resumes are the first step in getting a job, and making them smart and easy can help many students.

**5. Tools & Technologies Used:**

-> Python  
-> Streamlit (for web interface)  
-> PDFMiner & docx2txt (to read resumes)  
-> FPDF (to generate PDFs)  
-> Regex (for text processing)  
-> GitHub (for version control)  
-> Canva (for icons/UI design)

**6. Project Description:**

* We built the Resumind app using Python and Streamlit. It has four main features: Create Resume, Import from LinkedIn, Upload Resume, and Check Resume Score. Users can either create a resume from scratch, or upload & edit existing one. We used keyword matching, job description analysis, and text extraction to score the resume and give useful feedback. We also added a LinkedIn scraper and planned for future API integration. Some challenges were cleaning different file formats and making the UI user-friendly, which we solved with proper layout design and file handling code.

**7. Results / Final Output:**

* Our final app was a user-friendly dashboard where users could upload resumes, check scores, and download their final PDFs. It worked as planned and gave clear suggestions and keyword lists. We tested it using different resume samples and job descriptions. It gave relevant results and smart recommendations.

**8. What We Learned:**

1. Building Streamlit dashboards
2. Using machine learning for scoring
3. Working with resume file formats (PDF, DOCX)
4. Scraping basic LinkedIn data
5. Giving useful user feedback using text analysis
6. Team collaboration and UI planning

**9. Future Plans (Optional):**

* We plan to add login and profile save options, better LinkedIn API integration, and cloud resume storage in the next version. We also want to train a custom model for keyword suggestions based on job roles.

**10. Acknowledgements:**

* We thank our mentor, Jahnavi Mam, for her guidance throughout the project. We also appreciate the support of our classmates and the feedback during app testing.