Dynamic Resume Generating Website

Payal Bichave [1023111]

Sri Satya [1023113]

Harshali Gaikwad [1023132]

(Ujala Patil)

Assistant Professor

Department of Computer Engineering,

FCRIT, Vashi.

Problem Statement: -

Creating a professional resume is often time-consuming and requires manual formatting. Users need an easy way to input their personal, educational, and professional details and quickly generate a polished resume. The goal is to develop a dynamic website that collects user information and automatically generates a customizable resume in PDF format. Users should be able to download the PDF and receive a shareable link for easy distribution. This system will save time, ensure consistent formatting, and allow users to update their resumes anytime. It aims to simplify resume creation and improve job application success.

Design: -

1. **Start**: The user lands on the website.
2. **Login/Signup Page**:
    - New users must **sign up**.
    - Existing users **log in**.
3. **User Authentication Check**:
    - If successful → Proceed to **Dashboard**.
    - If failed → Redirect to **Login** again.
4. **User Dashboard**:
    - Allows entry of:
        - Personal Details (Name, Contact, etc.)
        - Education (Degree, University, etc.)
        - Skills (Technical & Soft Skills)
        - Projects (Titles, Descriptions)
        - Hobbies & Other Details
5. **Template Selection**:
    - User chooses from **predefined resume templates**.
6. **Preview Resume**:
    - User sees how the resume looks.
7. **User Satisfaction Check**:
    - If **Yes → Download as PDF**.
    - If **No → Edit Resume** (goes back to modification).
8. **Download as PDF**:
    - Resume is generated in PDF format for the user.
9. **Logout & Exit**:
    - User can log out or close the website.

Scope: -

- Provide a user-friendly web interface to input personal, educational, and professional details.
- Generate customizable, professional resume PDFs for download.
- Create a unique, shareable link for each generated resume.
- Allow users to edit and update their resumes anytime.
- Ensure secure data handling and mobile-friendly access.
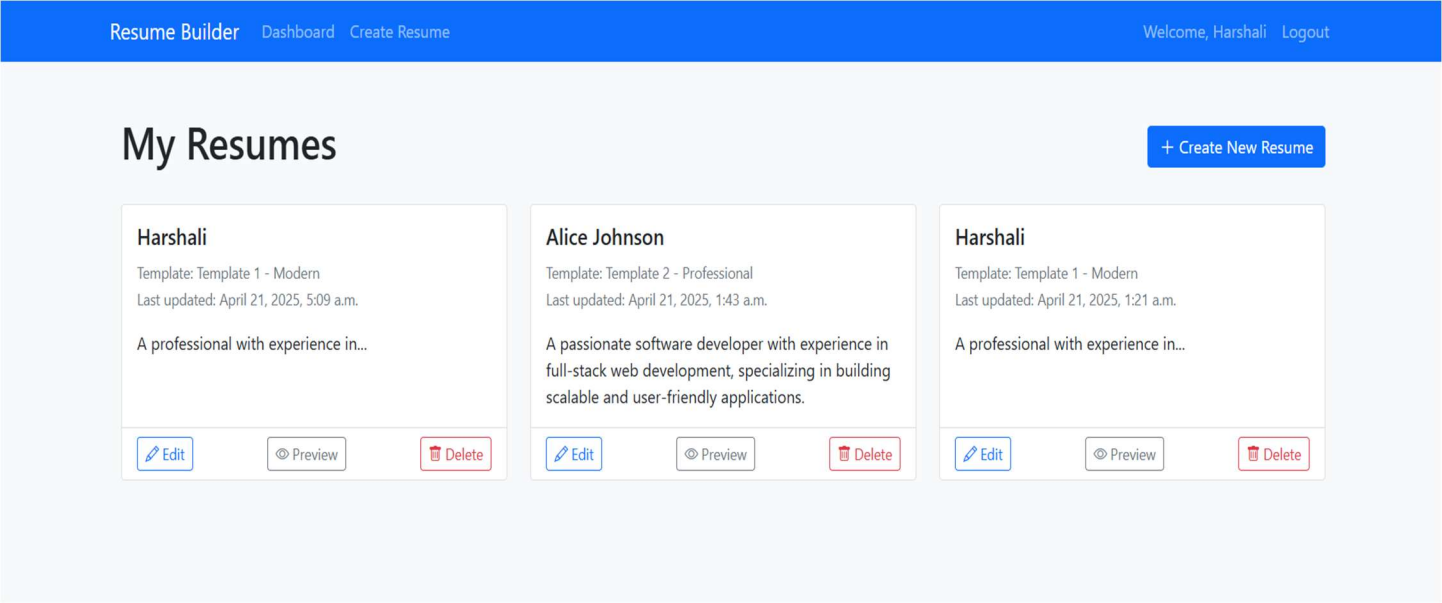
Tech Stacks used: -

Frontend : HTML , CSS , JS

Backend : Django

Database : Sqlite

Implementation:

Dashboard:

Edit Your Resume

Personal Information

Resume created successfully!

Full Name*
Harshali

Email*
abc@gmail.com

Phone*
Enter your phone number

GitHub URL
Enter your GitHub URL (optional)

LinkedIn URL
Enter your LinkedIn URL (optional)

Professional Summary*
A professional with experience in...

Education   Add Education

Work Experience   Add Experience

Skills   Add Skill

Projects   Add Project

Save Resume   Preview

Alice Johnson
Professional Resume

abc@gmail.com
+1 555 123 4567
GitHub   LinkedIn

PROFESSIONAL SUMMARY

A passionate software developer with experience in full stack web development, specializing in building scalable and user friendly applications.

EDUCATION

Stanford University   2023 - Present
Master of Science in Data Science
Currently pursuing graduate level courses in machine learning.

Bachelor of Science   2017 - 2019
MIT in Computer science
Focused on software engineering and artificial intelligence.

WORK EXPERIENCE

Google   2022 - 2025
Software Engineer
Working on developing scalable backend services for Google Cloud Platform.

SKILLS

React   Python   SQL   Javascript

Django

PROJECTS

HealthTrack   View Project
React Native, Firebase
A fitness tracking app for daily activities, meals, and goals.

Print Resume   Download PDF