



# Smart Resume Generator

Presented by : Team 59



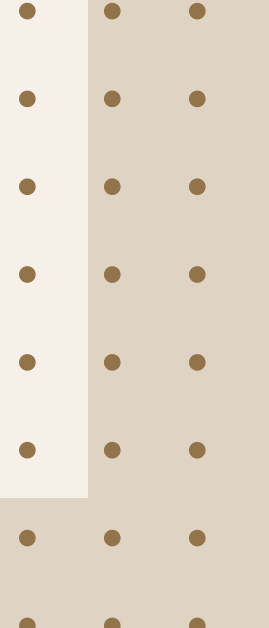
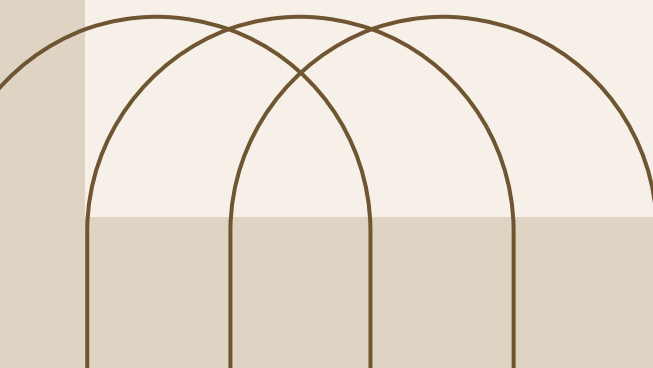


# Team Details

Team Name

NextGen Coders

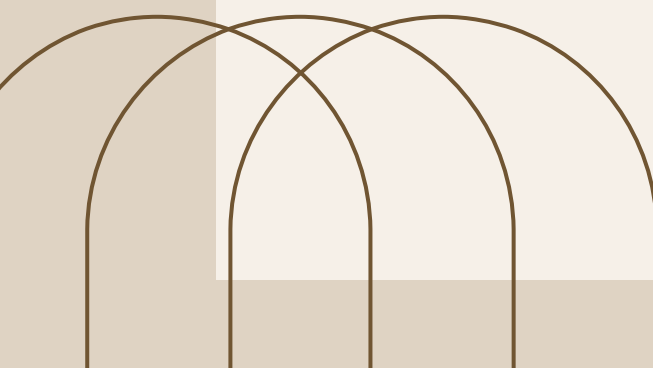
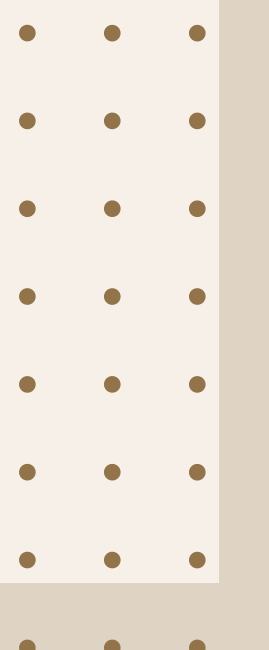
Team Members

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# Problem Statement

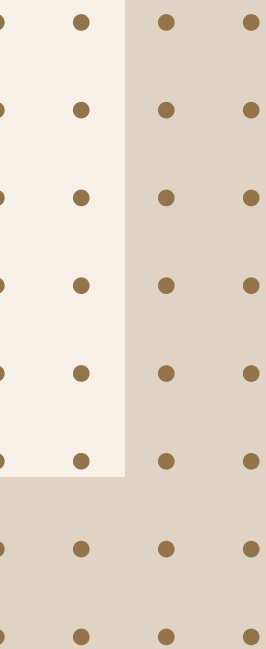
The Resume Generator project aims to develop an AI-driven tool for automating the creation of professional resumes. The objective is to build a generative model that can craft tailored resumes based on user inputs such as personal information, job experience, and career goals. By analyzing these details, the model produces well-structured resumes that effectively highlight the candidate's skills, achievements, and qualifications. This tool streamlines the resume creation process, enabling users to generate polished and personalized resumes quickly, thereby enhancing their ability to present themselves effectively to potential employers and improve their job application success.





# Problem Solution

The Resume Generator project develops an AI tool to create professional, personalized resumes based on user inputs like personal information, job experience, and career goals. This model analyzes these details to produce well-structured resumes that highlight the candidate's skills, achievements, and qualifications, streamlining the resume creation process. Users can quickly generate polished resumes, enhancing their presentation to potential employers and improving job application success.





# Technical Stack

## Frontend (Client-Side):

1. HTML – Structure for the web pages (html1.html and result.html).
2. CSS – Styling for the form and resume display.
3. JavaScript – Used for dynamic form fields (adding skills, experience, and projects).

## Backend (Server-Side):

1. Flask (Python Web Framework) – Handles routing, form processing, and template rendering.

## Templating Engine:

1. Jinja2 – Used in Flask to dynamically generate HTML pages (result.html).

## Deployment & Local Development:

1. Flask Development Server – Runs the application locally (with ports like 5004, 5010, etc.).
  2. Python (3.x) – Required for running Flask.
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# Flow Chart Representing Smart Resume Generator

