

# Resume Based Job Recommender

## Project Description:

### 1. User Uploads Resume or Manually Enter Required Inputs as follows:

- Skills
- Education
- Experience

#Streamlit for GUI and Manual Input or Resume Uploading and Python Libraries To Extract Required Data from Resume

### 2. MAIN FEATURES (Using ML):

- AI predicts All Job Roles According to Given Inputs, Rank Them According to Expected Salary of jobs, Analyses Required Skills and Current Skills and Predict Skill Gap for Each Job Role and match Job Percentage according to Skill Gap
- All Expected Job Roles, their Expected Salaries, Skill Gap and Match Score is shown According to the rank and at last Job role with best match is shown

#Logistic Regression in neural networks for Prediction of Job Roles, Polynomial Regression for Expected Salaries, Basic Math for Match Score and Skill Gap, Streamlit for GUI,

### 3. ADDITIONAL FEATURES (Using GenAI free Api key)

- Selection Box for all Predicted Job Roles
- Generate Roadmap for Selected Job

#Selection Using Streamlit and Generate Roadmap using GenAi Api keys