Easy Apply Bot

**Overview**

This program automates the process of tailoring your resumes and cover letters for job m n or even provides a manual tailoring mode for individual job descriptions you copy. It’s delivered as an executable (no need to install Python separately) and only requires that you:

* Have the **Apply-Bot** folder in your Documents directory.
* Have **Google Chrome** installed on your computer.

Once set up, the tool can automatically tailor your resumes and cover letters to match job descriptions, record these activities in a database for easy reference, and streamline your job application process.

**Key Features**

1. **Automated Tailoring of Resumes & Cover Letters**:  
   The tool reads job descriptions, picks out relevant skills from your specified list, and injects them into your resume and cover letter templates automatically.
2. **Manual Tailoring (Tailoring Only Mode)**:  
   If you just want to tailor a resume for a single copied job description, you can switch to the “Tailored Resume Only” mode. Copy a job description to your clipboard and press **Ctrl + Shift + V**. The tool will then generate a tailored resume based on the description you’ve just copied—no automated job searching required.
3. **Exclude Unwanted Jobs**:  
   Configure the tool to skip jobs containing certain keywords or from certain companies/positions. This saves time by not applying to roles you know you don’t want.
4. **Database Tracking & Retrieval**:  
   Every job application attempt—whether applied, skipped, or requiring a questionnaire—is logged in a database. You can later review the database through the GUI, filter and sort the entries, and even extract the exact resume and cover letter used for any given job.
5. **Skill Management & Definitions**:  
   Add or remove skills easily, and define descriptive sentences for each skill. These sentences appear in your tailored documents, making your applications feel more personal and targeted.

**Setup Requirements**

* **Apply-Bot Folder in Documents**: Ensure that the Apply-Bot folder (containing settings.json and other necessary files) is in C:\Users\<YourUsername>\Documents\Apply-Bot.
* **Google Chrome Installed**: The tool automates job applications through Chrome, so having Chrome installed is essential.

Once these conditions are met, simply run the provided executable to launch the GUI.

**Preparing Your Draft Templates (Resume & Cover Letter)**

**Draft Templates Overview**:  
The resume and cover letter templates serve as the backbone for the customization process. These are standard Word documents (.docx) containing static content (like your name and contact information) and placeholders (or “search terms”) that the program replaces with job-specific details, skill sentences, or company/position names.

**Resume Template Setup**:

1. **Create or Locate Your Resume Template**:  
   Identify the resume template file that you specified in the **File Settings** tab under original\_resume. For example, if original\_resume is set to ATS\_Resume, the program expects a file named ATS\_Resume.docx in the designated resume\_location.
2. **Insert Placeholders for Job-Specific Content**:  
   Just like in the cover letter, you’ll include placeholders that the system can recognize and replace.  
   Common placeholders are:
   * Position Title (the specific job title you’re applying for)
   * Company Name (the name of the organization)
   * Skills List (a collection of relevant skills pulled from your definitions and skill files)

**Example**: If a section of your resume states: *“Experience aligns with Skills List tailored for Company Name’s Position Title.”*  
The tool will swap out Skills List, Company Name, and Position Title with the real values before saving the final version.

1. **Adding Experience Placeholders (First0, First1, etc.)**:  
   The program supports inserting detailed skill-based experience lines into your resume. Within your templates, you can place placeholders like First0, First1, First2, and so on. These represent sequential slots where the program will insert sentences that describe your experience with a particular skill set. The program supports 40 skills and 40 senteances.

The code internally generates arrays of placeholders such as First0, First1, First2, Second0, Second1, and so forth. Each set of placeholders corresponds to different categories or “slots” of experience lines. When the tool identifies a relevant skill for the job, it looks up the corresponding definition and inserts it into one of these placeholders.

**Practical Example**:  
Suppose your resume template has a section like:

Key Highlights:

- First0

- First1

- Second0

If the tool finds that “AWS” and “Python” are relevant skills, and you have defined sentences for them, it might replace First0 with a sentence related to AWS and First1 with a sentence related to Python. Second0 could be used if you have a third skill sentence you want to insert. If fewer skills are relevant than you have placeholders for, the extra placeholders can remain unused or be removed automatically by the tool.

This mechanism allows your template to dynamically include multiple skill or experience-based lines, making each tailored resume unique and directly matched to the job’s requirements.

**How Definitions Work in Conjunction with Placeholders**

**What Are Definitions?**:  
In the **Skill Definition** tab, you provide a key-value format where each skill is matched to a descriptive sentence or two detailing how you’ve used it. For example:

aws: Experienced in automating cloud infrastructures using AWS services, improving scalability and reducing deployment times.

python: Skilled in Python scripting for efficient data analysis and building reliable automation tools.

**How They Connect to Your Templates**:  
When the program tailors your resume or cover letter, it scans the job description for skills you listed in **My Skills**. If it finds matches, it references the **Skill Definition** section to pick out the appropriate sentence. That sentence is then inserted into one of the placeholders like First0, Second0, Third0, etc., in your resume template. The same logic applies to the Skills List placeholder, which may be replaced by a comma-separated compilation of all relevant skills found.

**In Other Words**:

1. You define a skill and its sentence in the Skill Definition tab.
2. The program identifies that skill is needed for a particular job description.
3. The program picks the corresponding sentence from your definitions.
4. The sentence is placed into a First0 (or Second0, etc.) placeholder in your resume template.
5. The placeholder in the .docx file is replaced with the sentence, resulting in a natural and tailored experience line in the final resume.

**Matching Terms**:  
The placeholders (First0, First1, etc.) are hard-coded in the logic. You don’t name them yourself; you just ensure they appear in the document where you want these dynamic sentences to appear. The program will fill them based on the skill matches it finds.

**Benefit of This Approach**:

* Flexibility: Add as many placeholders as you like to accommodate multiple skill sentences.
* Scalability: If a job requires only one skill, only First0 gets replaced. If it requires more, First1, First2, etc., also get populated.
* Consistency: By having defined sentences, you maintain a professional, uniform style of writing that adapts to each job effortlessly.

**Using the GUI Tabs**

**Mode Tab**

* **Tailor Resume / Tailor Coverletter**: Enable these for fully automated tailoring.
* **Tailored Resume Only (Manual Tailoring Mode)**: If you select this mode (set “tailored\_resume\_only” to “yes”), you can simply copy a job description from anywhere (e.g., a website or job board), and then press **Ctrl + Shift + V** within the GUI. The program will read the copied text and instantly generate a tailored resume from your template without searching for jobs itself. This is perfect for custom one-off applications.
* **Other Options**: Set days limit, remote preferences, and matching words criteria here.

**File Paths Tab**

* Adjust where logs, skill files, and database are located.
* The working\_directory is where the program keeps its files. Ensure it points to C:\Users\<YourUsername>\Documents\Apply-Bot. The program will create subfolders and files as needed.

**File Settings Tab**

* **Original Resume & Original Coverletter**: Set these to the names of your template documents (without file extensions).
* **Search Terms**: Make sure your placeholder terms (like “Company Name”, “Position Title”, etc.) match what you used in your template documents.
* **Font Style & Font Size**: Control the final look of inserted text.

**Items Tab**

* **Keywords & Exclusions**: Add phrases to exclude certain types of jobs.
* **Word Sensitivity**: Set how strictly the program matches your skills to a job description.

**My Skills Tab**

* List all your personal skills, one per line. These will be pulled into your resumes and cover letters if relevant.

**Skill Definition Tab**

* Define sentences that describe each skill. For instance:  
  aws: Leveraged AWS services for scalable deployment solutions.  
  When AWS is a relevant skill for a job, this sentence can be inserted into the tailored documents.

**Database Tab**

* Review past applications, their statuses, and applied job details.
* Use right-click to filter or sort columns.
* **Retrieving Resumes from the Database**: Right-click on an entry corresponding to a successfully applied job and look for options like “Extract Resume and Job Description.” Selecting this will recreate or open the tailored resume and job description that was used for that particular job application, allowing you to quickly revisit previous applications.

**How to Tailor a Resume from a Copied Job Description (Manual Tailoring)**

1. In the **Mode** tab, ensure tailored\_resume\_only is set to “yes.”
2. Copy any job description text from a webpage, email, or document to your clipboard.
3. Return to the GUI and press **Ctrl + Shift + V**.
4. The program will read the text from your clipboard, determine which of your skills are relevant, insert them and job details into your original\_resume template, and produce a freshly tailored resume instantly.
5. Check your resume\_location (in **File Paths**) for the newly created document.

This mode is ideal when you come across a specific job you want to apply to manually rather than relying on automated search.

**Retrieving Tailored Resumes & Cover Letters from the Database**

After the program has applied to jobs, all attempts are logged in application\_history.db. To revisit a particular application’s resume or cover letter:

1. Go to the **Database** tab.
2. Select the desired table, like Applied\_Jobs.
3. Find the entry corresponding to the job you want to review.
4. Right-click on that entry and choose to extract or view the resume and job description.
5. The tool will locate and open the tailored documents that were used for that specific application, allowing you to easily reference them during interviews or follow-ups.

**Additional Tips**

* **Headless Mode**: If you don’t want to see the Chrome browser applying to jobs, enable headless mode in **Mode**. The process runs in the background.
* **Log Level & Troubleshooting**: Increase log\_level to see more detailed logs if you’re encountering issues.
* **Automatic Cleanup**: Set delete\_old\_resumes\_after\_x\_days to keep your workspace tidy.

**Pricing & Licensing**

This service operates under a time-based licensing model. Current rates are:

* **$15 for 1 Month**
* **$25 for 2 Months**
* **$35 for 3 Months**

If you need a longer term or have special requirements, please reach out via email to discuss additional months or custom arrangements.