**Job Application Form**

**Please provide the following information:**

**LinkedIn Information**

* **Email:** [Enter your LinkedIn email address]
* **Password:** [Enter your LinkedIn password]

**Job Preferences**

* **Remote Jobs:**
  + Yes
  + No
* **Jobs with Fewer Applicants:**
  + Yes
  + No

**Experience Level**

* Internship
  + Yes
  + No
* Entry Level
  + Yes
  + No
* Associate Level
  + Yes
  + No
* Mid-Senior Level
  + Yes
  + No
* Director Level
  + Yes
  + No
* Executive Level
  + Yes
  + No

**Job Type**

* Full-time
  + Yes
  + No
* Contract
  + Yes
  + No
* Part-time
  + Yes
  + No
* Temporary
  + Yes
  + No
* Internship
  + Yes
  + No
* Other (Please specify): [Text field]
* Volunteer
  + Yes
  + No

**Job Posting Date**

* All Time
  + Yes
  + No
* Month
  + Yes
  + No
* Week
  + Yes
  + No
* 24 Hours
  + Yes
  + No

**Job Positions (Select all that apply)**

* Python Developer
* Django Developer
* Web Developer
* Web Application Developer
* API Developer
* Full Stack Developer
* ...

**Job Locations (Select all that apply)**

* England
* Remote
* ...

**Additional Information**

* **Resident Status:**
  + Yes
  + No
* **Distance from Job Location:**
  + 0 miles
  + 5 miles
  + 10 miles
  + 25 miles
  + 50 miles
  + 100 miles

**Please provide the following additional information:**

* **Resume:** [Upload your resume]
* **Cover Letter:** [Upload your cover letter (optional)]

**Please answer the following questions:**

* Do you have a valid driver's license?
  + Yes
  + No
* Will you require a sponsorship for employment visa?
  + Yes
  + No
* Are you legally authorized to work in [Country]?
  + Yes
  + No
* Do you have necessary licenses or certifications?
  + Yes
  + No
* Can you start immediately?
  + Yes
  + No
* Are you comfortable with commuting?
  + Yes
  + No
* Are you comfortable with remote work?
  + Yes
  + No
* Are you willing to take a drug test?
  + Yes
  + No
* Are you willing to complete an assessment?
  + Yes
  + No
* Do you have a security clearance?
  + Yes
  + No
* Have you completed a [Degree Type] degree?
  + Yes
  + No
* Are you willing to undergo a background check?
  + Yes
  + No

**Please provide the following information:**

* **University GPA:** [Enter your GPA]
* **Minimum Salary Expectation:** [Enter your minimum salary expectation]
* **Languages:**
  + English: [Native or Bilingual, Conversational, Professional, None]
  + Arabic: [Native or Bilingual, Conversational, Professional, None]
  + French: [Native or Bilingual, Conversational, Professional, None]
* **Notice Period:** [Enter your notice period in weeks]
* **Years of Experience:**
  + Science: [Enter years of experience]
  + Finance: [Enter years of experience]
  + IT Expert: [Enter years of experience]
  + ...
* **Personal Information:**
  + Pronouns: Checkbox**:** [Mr., Ms., Mx., etc.]
  + First Name: [Enter your first name]
  + Last Name: [Enter your last name]
  + Phone Number: [Enter your phone number with country code]
  + Street Address: [Enter your street address]
  + City: [Enter your city]
  + State: [Enter your state]
  + Zip Code: [Enter your zip code]
  + LinkedIn Profile: [Enter your LinkedIn profile URL]
  + Website: [Enter your website or GitHub profile URL]
  + Message to Manager: [Enter your message to the hiring manager]

**Please provide the following information (for US-based jobs):**

* **Gender:**

Checkbox**:** [Male, Female, Non-binary, Other]

* **Race:** None
* **Veteran Status:**
  + Yes
  + No
* **Disability Status:**
  + Yes
  + No
* **Citizenship:**
  + Yes
  + No
* **Security Clearance:**
  + Yes
  + No
* **Job Application Logging**:
  + Kafka can stream updates as the robot applies to jobs, capturing each application’s status and logging it back in the user’s profile for tracking.

**Security and Privacy Considerations**

1. **Password and Sensitive Data Storage**
   * **LinkedIn Password Encryption**: Encrypt the LinkedIn password before saving. Use AES encryption with a secure key management approach.
   * **Secure File Handling**:
     + Ensure files (e.g., resumes, cover letters) are stored in a secure, private directory. If using a cloud service, apply permissions to limit access.
   * **Sensitive Information Access Control**: Ensure only authorized services and users can access or decrypt sensitive data.
2. **Data Validation and Sanitization**
   * **Server-Side Validation**: Verify that all fields meet the required criteria to prevent invalid data storage.
   * **Sanitization**: Clean any text input fields to prevent SQL injection, cross-site scripting (XSS), and other malicious injections.
3. **Rate Limiting and ReCAPTCHA**
   * Add rate limiting to prevent bots from submitting multiple registrations.
   * Use Google reCAPTCHA on the form to prevent spam and bot submissions.
4. **Session Security and CSRF Protection**
   * **Session Security**: Use Django’s session management with secure cookies.
   * **CSRF Protection**: Enable Django’s CSRF protection to prevent cross-site request forgery.
5. **Audit Logging and Monitoring**
   * Track and log all sensitive actions, such as form submissions, changes to job preferences, and LinkedIn credentials updates.
   * Regularly review these logs for any suspicious activity.
6. **Privacy Compliance**:
   * **GDPR/CCPA Compliance**: Ensure data is managed in compliance with relevant privacy regulations. Allow users to delete or update their information.
   * **User Consent**: Clearly state in the form or on the site’s privacy policy how data will be used.

**Example Workflow for Job Preferences Form Submission**

1. **User Completes and Submits the Form**:
   * The front end sends the data to the backend via a secure HTTPS POST request.
2. **Backend Processing**:
   * Django validates the form data, encrypts sensitive fields, and saves to the database.
   * The backend triggers a Kafka event to notify the robot service that job preferences are updated.
3. **Application Process Initiation**:
   * The robot picks up the preferences and initiates the job application process based on user criteria.
4. **Status Updates and Logging**:
   * Application status is logged and shown in the user profile.
   * Kafka events keep the system updated and notify users of successful or failed applications.
5. All Question and answer in Job Application Form must send by a Json file to Kafka and then Kafka send the Jason file to Robot