Resume Builder Website

> A website where you can make and edit you resumes without going through cumbersome latex files.

Table of Contents

- Resume Builder Website
  - Table of Contents
  - Description
    - Key Features
    - Tech Stack
  - Data Flow Diagram
    - Database
    - Overall Flow
    - Login Flow
    - Resume Form
  - Demo
    - Home Page
    - Login
    - Resume Builder
    - Downloads Page
    - Example resume in pdf format
    - My Works Page
  - Instructions
  - References
  - Author Info
    - Akshat Mittal
    - Dhananjai
    - Pranjal Baranwal
    - Satvik Tiwari
    - Ujwal Kumar

Description

The website offers a basic form to create resumes which can be later downloaded in latex or pdf format.

The resumes can also be edited later.

Key Features

- A basic form for Resume Details.
- Option to download files later as pdf or latex.
- Option to Sign in to save your work and edit them later.
- Three Authentication types
    - Basic authentication with username,email and password
    - Authentication with third party sites
        - Google
        - Office 365 (Using IITG credentials)
- A dedicated `Works` page for downloading and editing your resumes later.

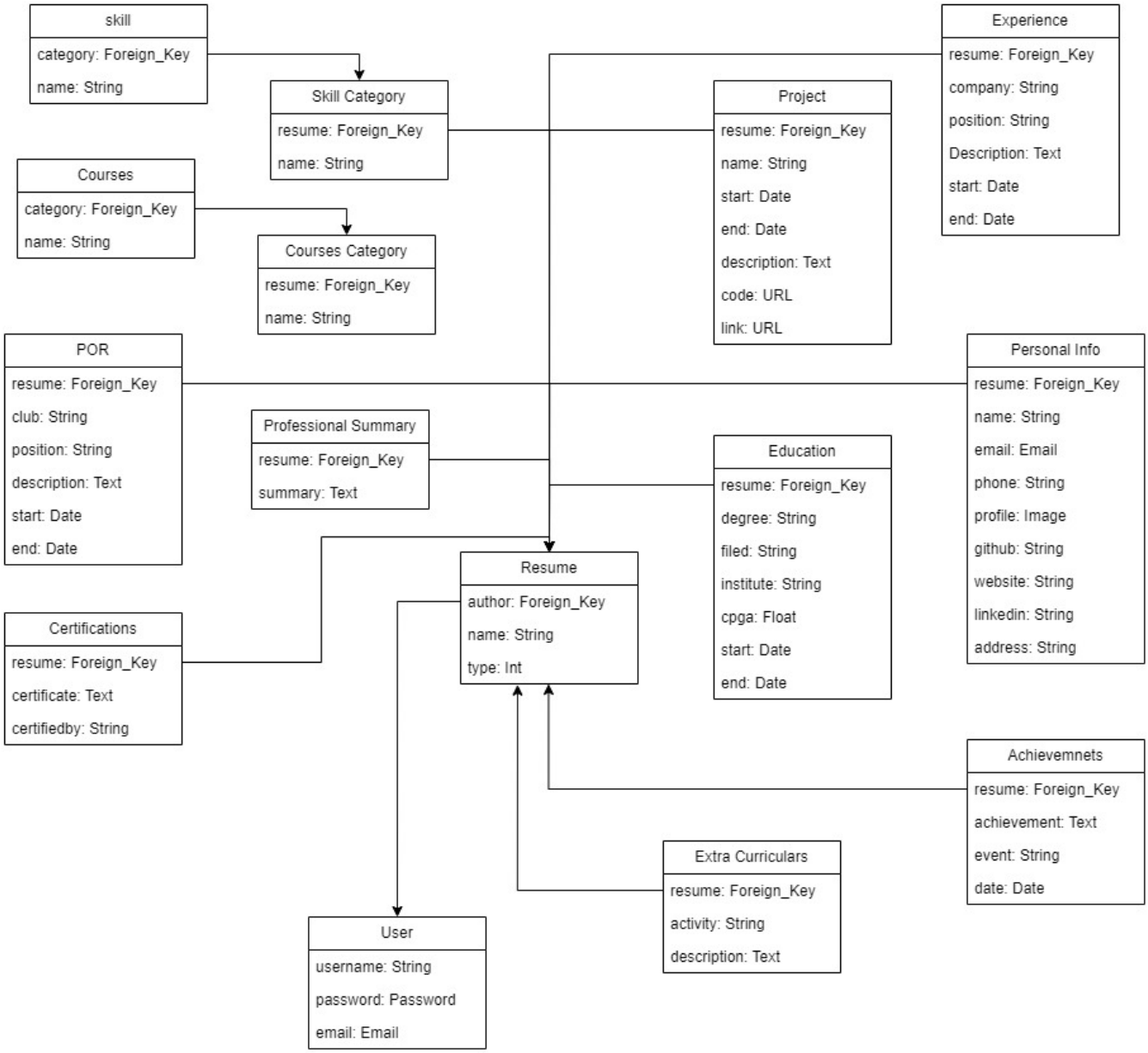
Tech Stack

- Frontend: HTML, CSS, Bootstrap, Javascript
- Backend: Django (+ allauth, crispy_forms, pillow, Cheetah3 and other python libraries), SQLite(inbuilt in django)
- Latex: pdflatex, texlive

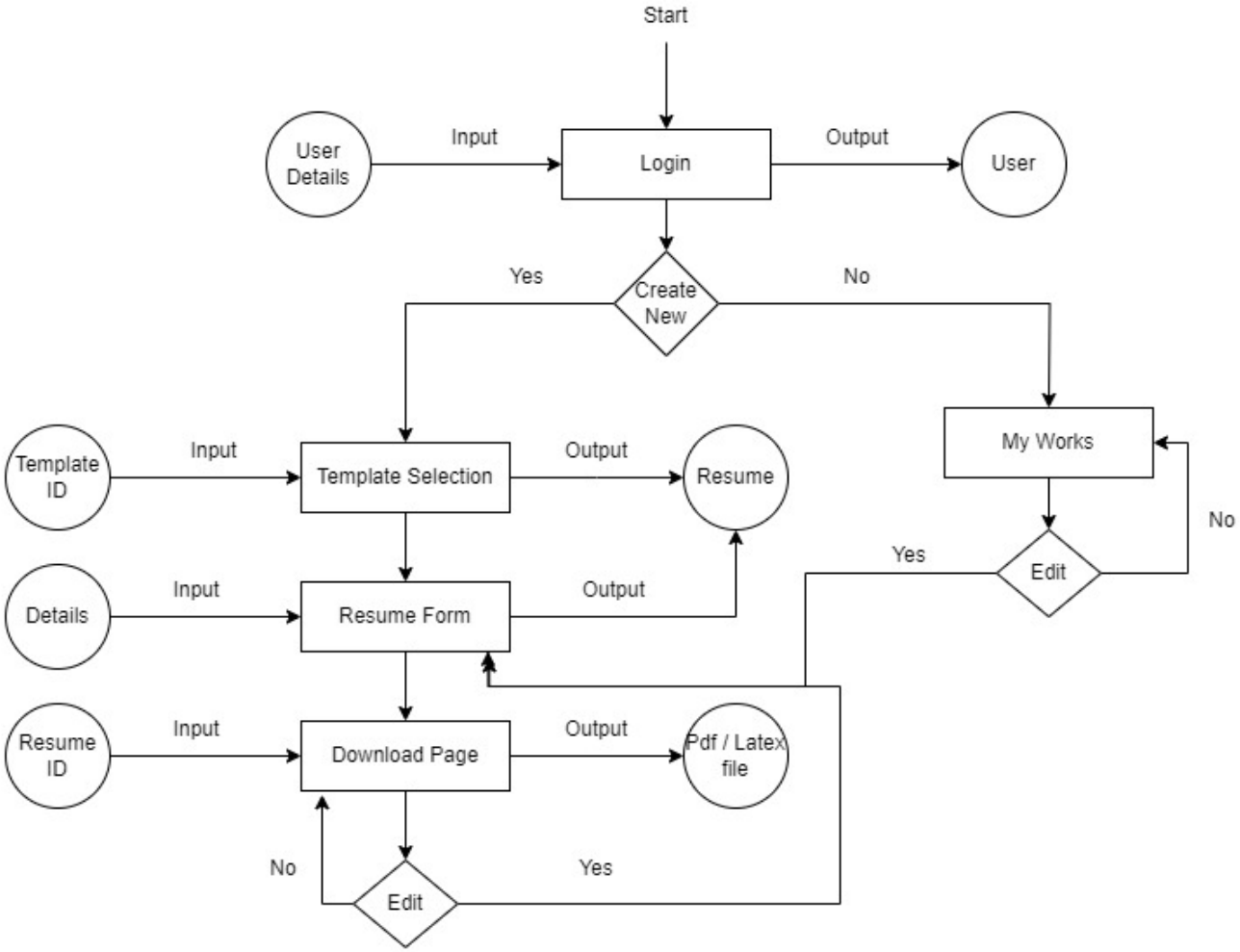
Back To The Top

Data Flow Diagram

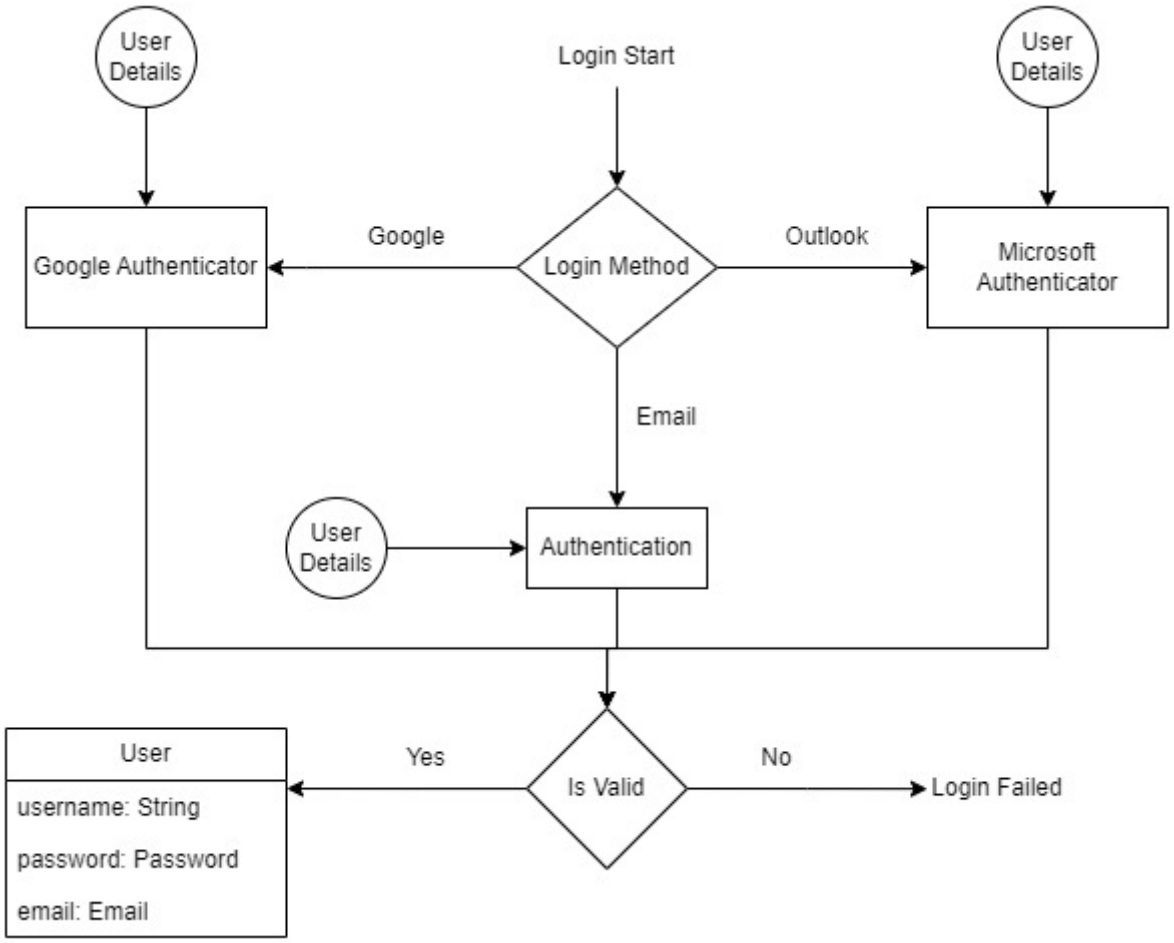
Database



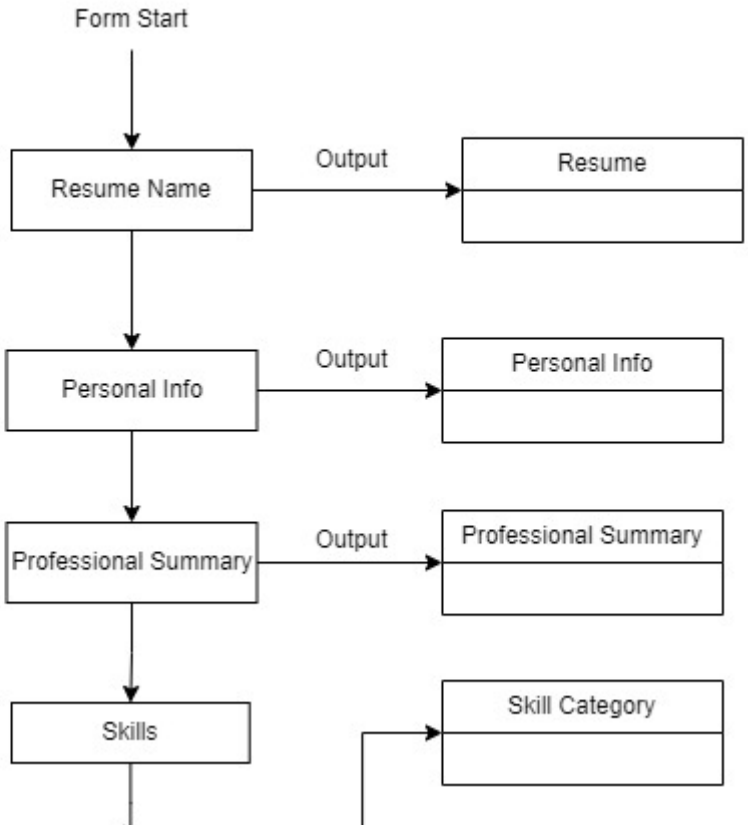
Overall Flow

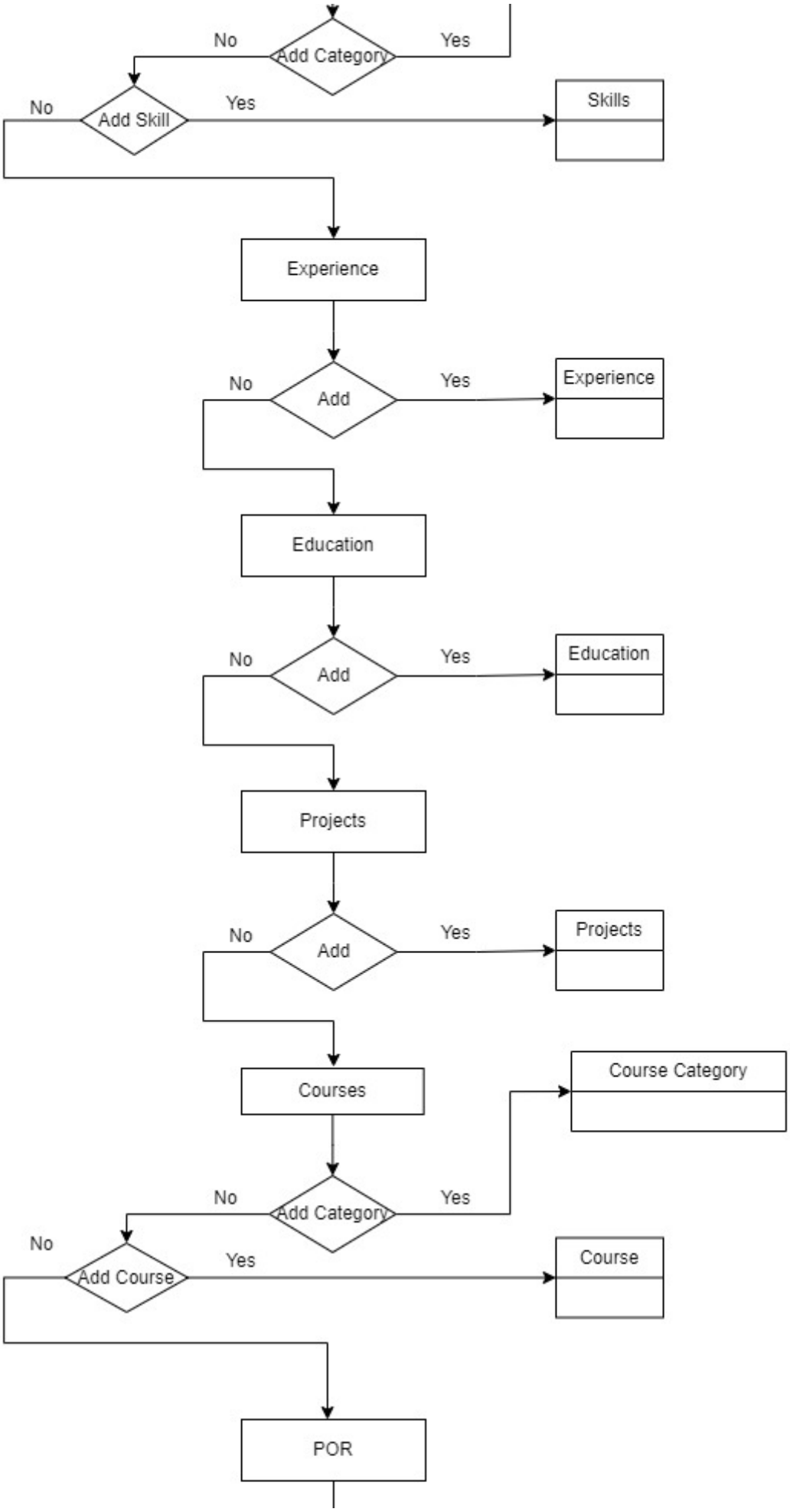

Start
User Details
Input
Login
Output
User
Yes
Create New
No
Template ID
Input
Template Selection
Output
Resume
My Works
No
Yes
Edit
Details
Input
Resume Form
Output
Resume ID
Input
Download Page
Output
Pdf / Latex file
No
Edit
Yes

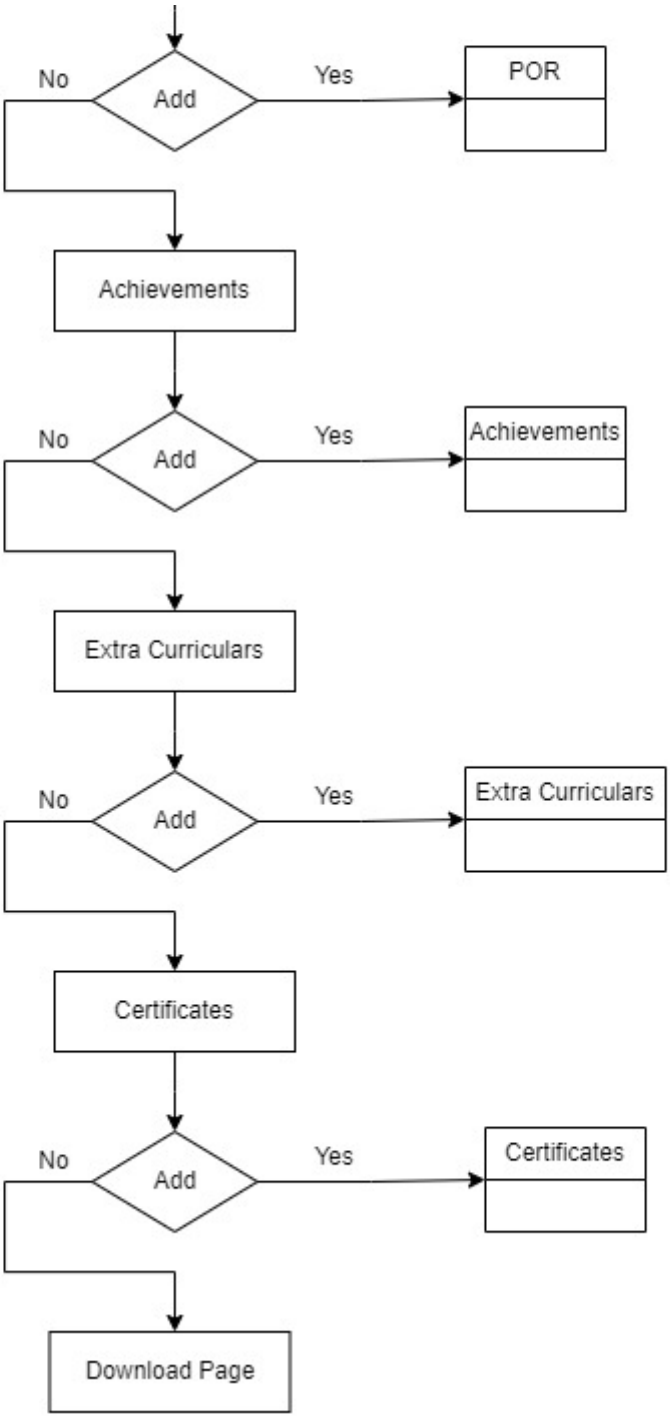
Login Flow


User Details
Login Start
User Details
Google Authenticator
Google
Login Method
Outlook
Microsoft Authenticator
Email
User Details
Authentication
User
username: String
password: Password
email: Email
Yes
Is Valid
No
Login Failed

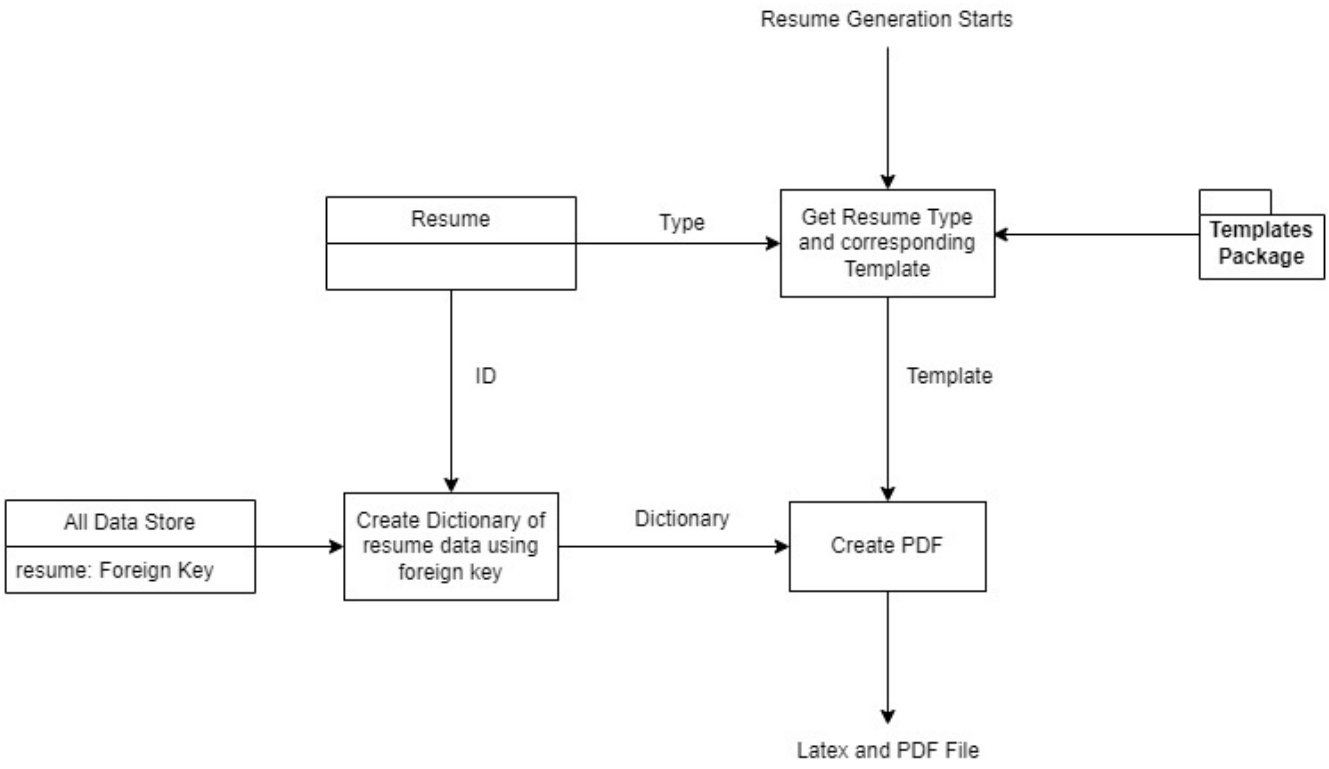
Resume Form


Form Start
Resume Name
Output
Resume
Personal Info
Output
Personal Info
Professional Summary
Output
Professional Summary
Skills
Skill Category


No
Add Category
Yes
No
Add Skill
Yes
Skills
Experience
No
Add
Yes
Experience
Education
No
Add
Yes
Education
Projects
No
Add
Yes
Projects
Courses
Course Category
No
Add Category
Yes
No
Add Course
Yes
Course
POR



Generate Resume

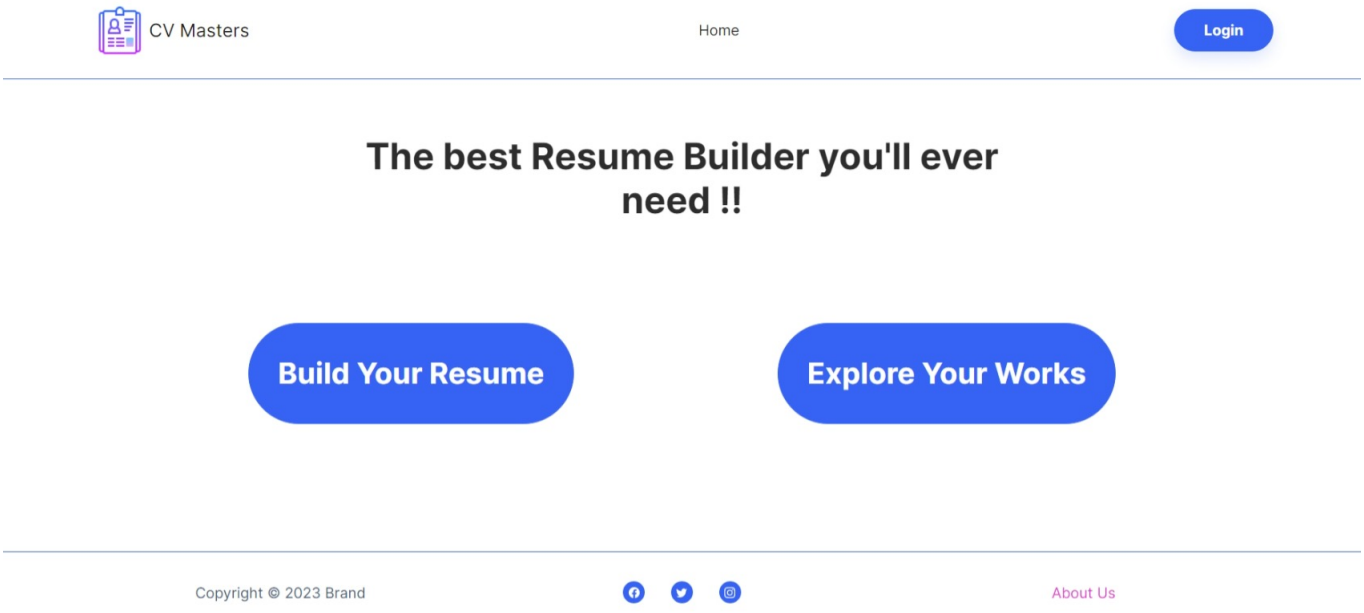


Demo

After running the localhost using the instructions specified later, go to the following url.

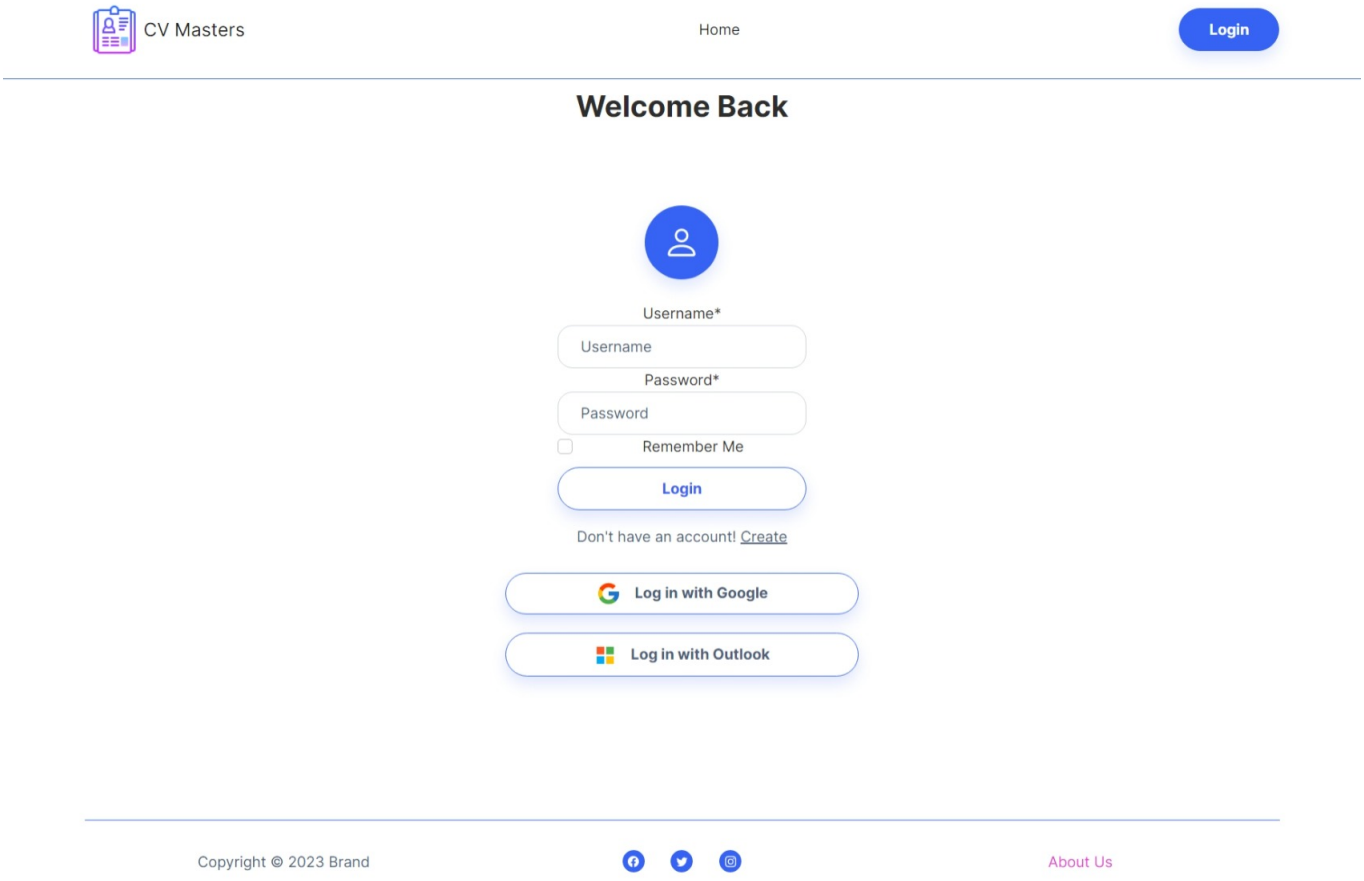
Home Page

The home page will look like this:

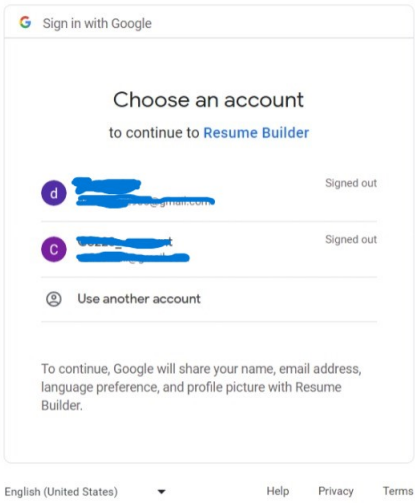


Login

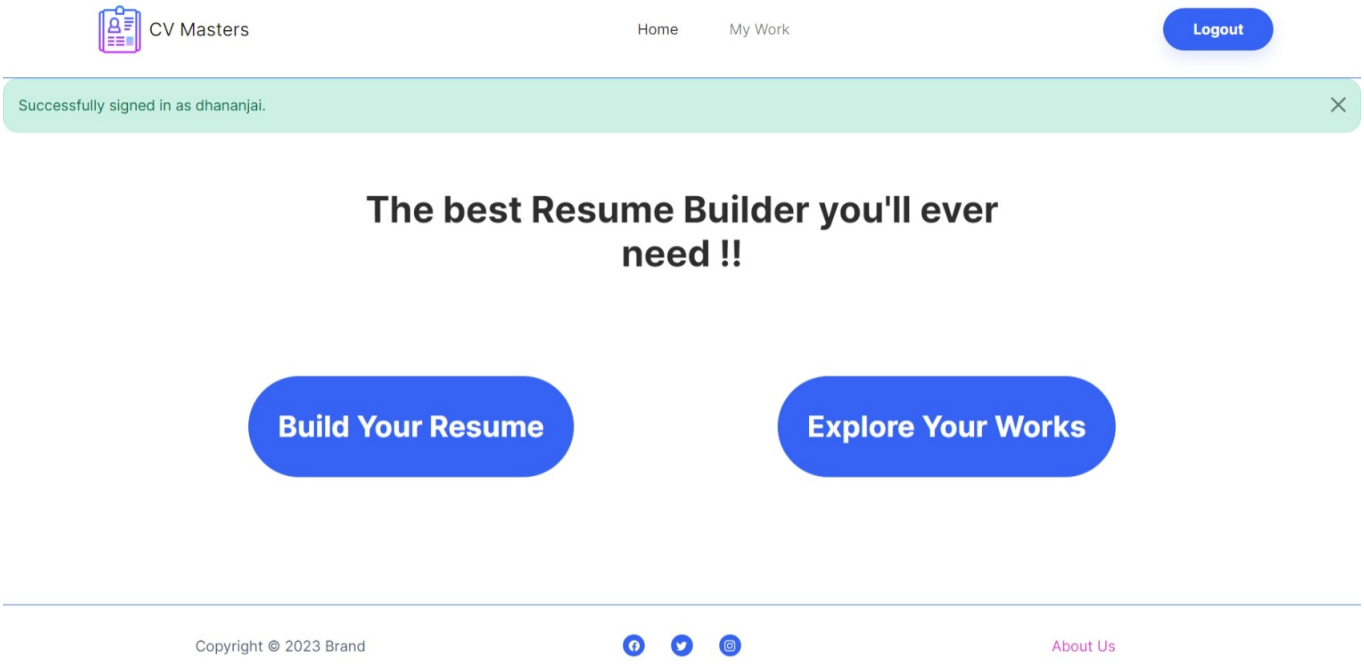
Go to the Login page, it will look like this:



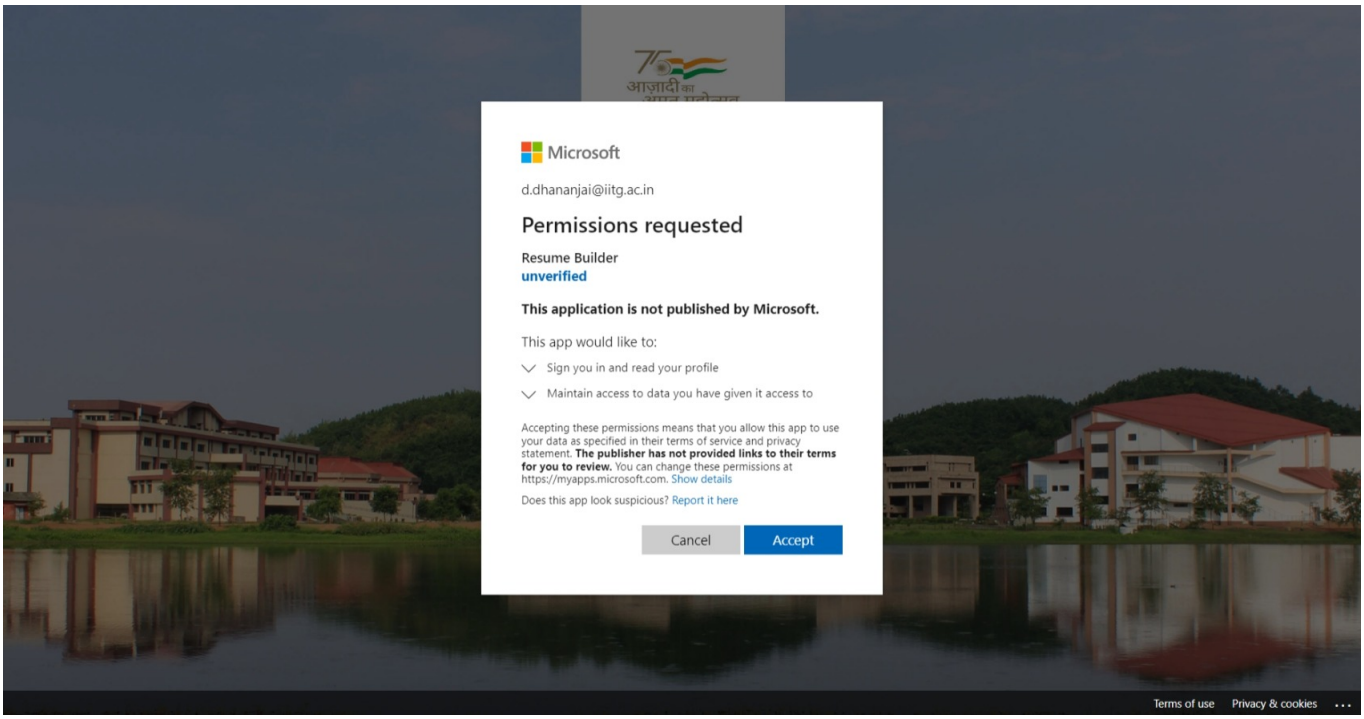
Login with google:



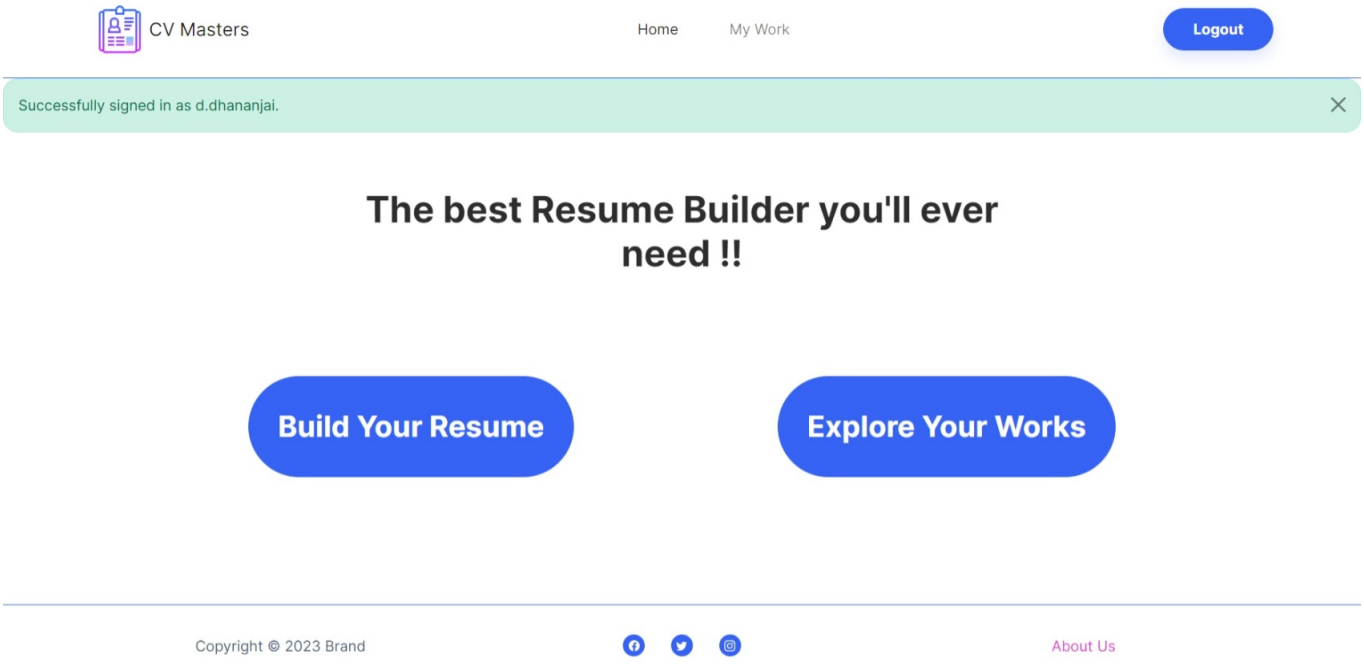
After logging in, you will be redirected to the home page with success message



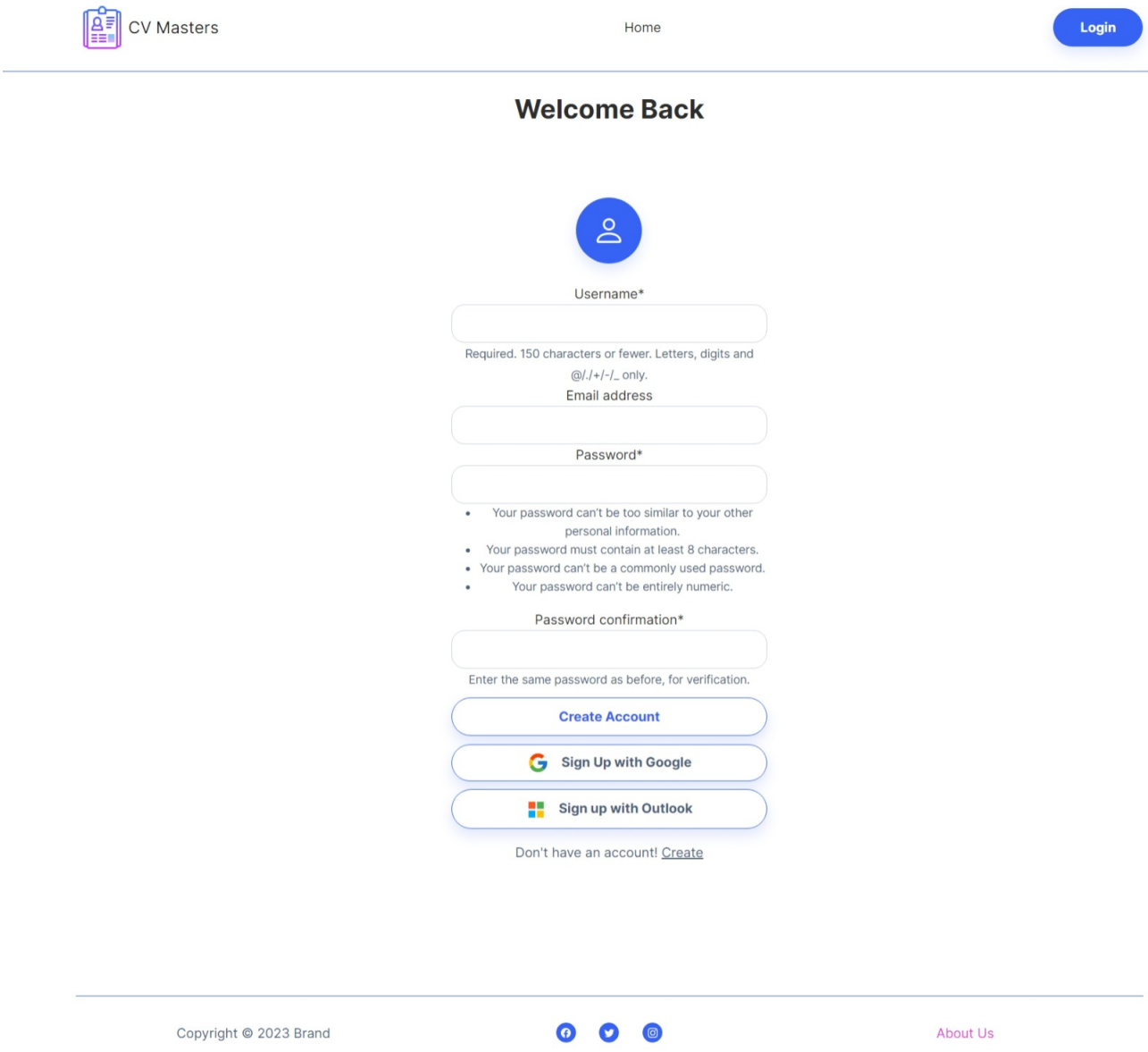
Login with Office 365:



After logging in, you will be redirected to the home page with success message



Register with username and password:

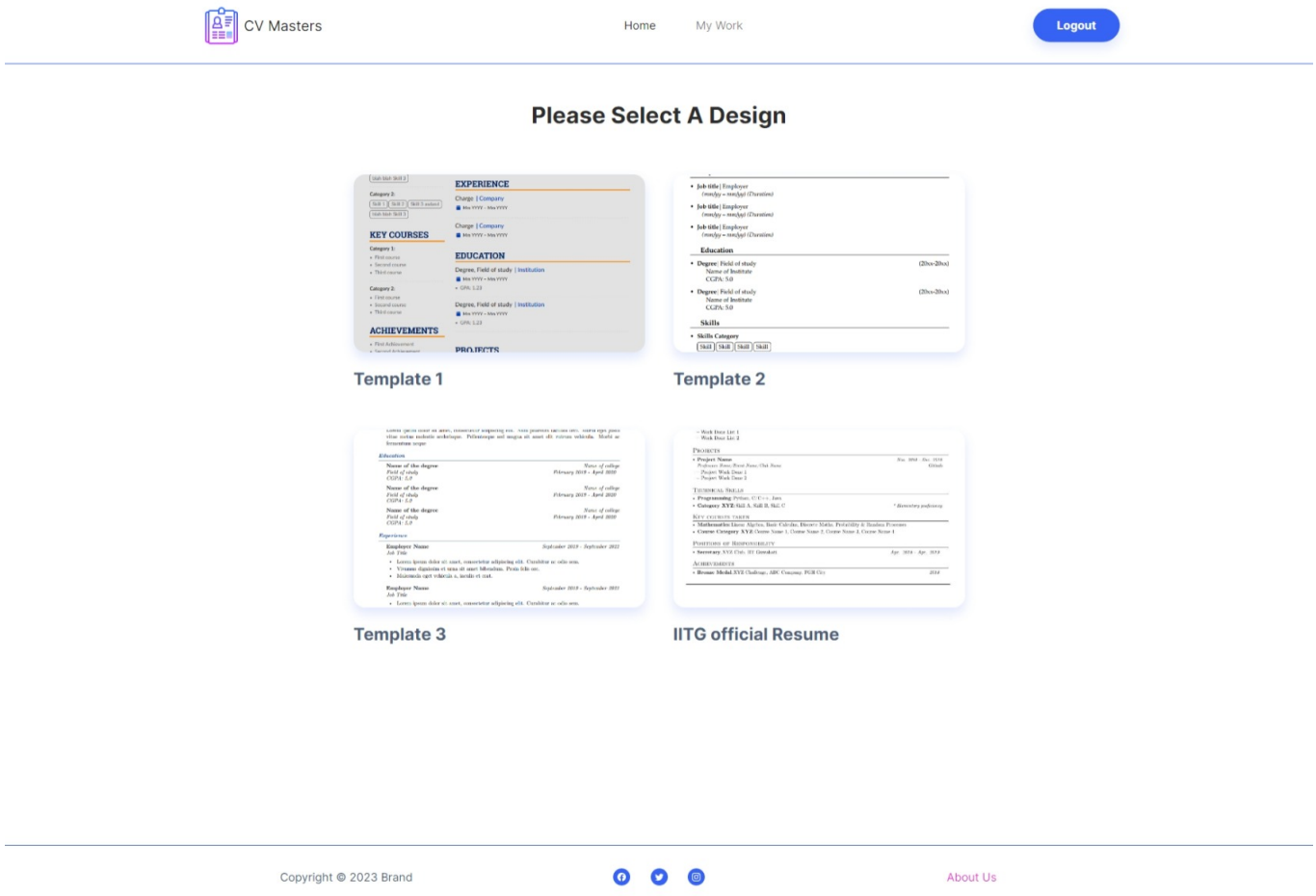


After registering, you will be redirected to the login Page

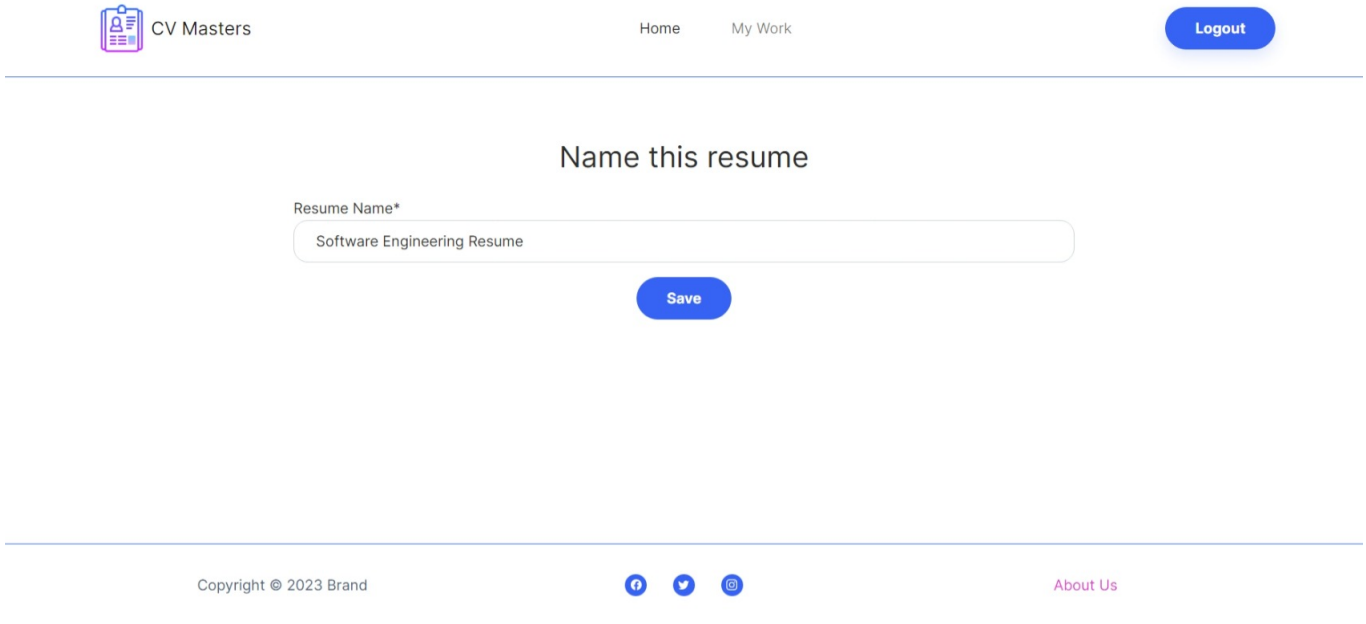
After Logging in with any of the three methods, you will be redirected to the home page with a success message.

Resume Builder

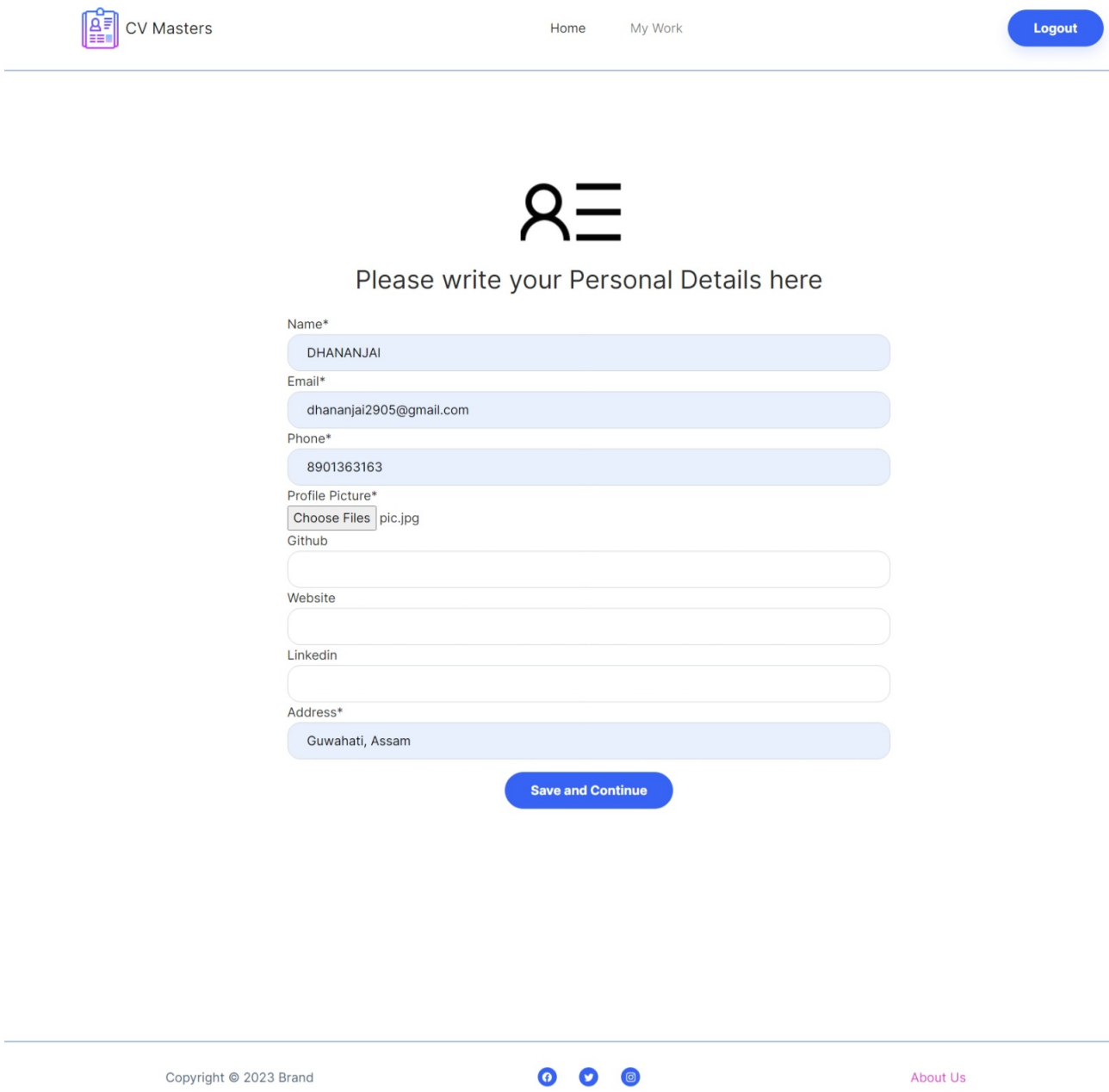
On clicking the Build Resume button, you will be redirected to the template Selection Page:



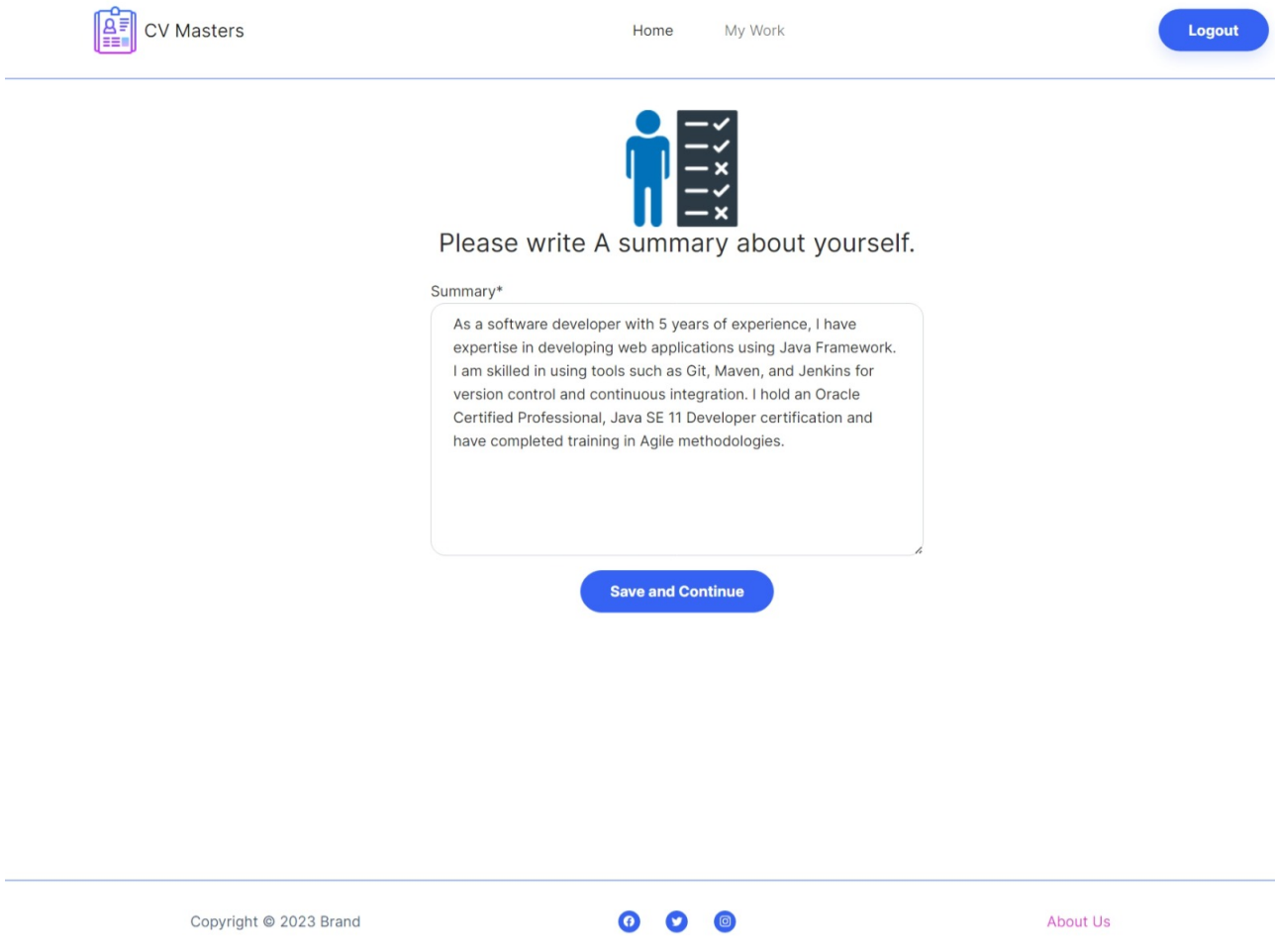
Click on the desired template, you will be redirected to the form page:
Name the Resume:



Click on Save, you will be redirected to the Personal Info page:



CLick on Save, you will be redirected to the Add your Technical summary page:



Click on Save, you will be redirected to the Add your Skills page:

CV Masters

Home My Work

Logout

Programming Languages

C
C++
Java
Python

Add Your Skills here

Category Name*

Frameworks

Skill*

django

Skill*

java

Skill*

nodejs

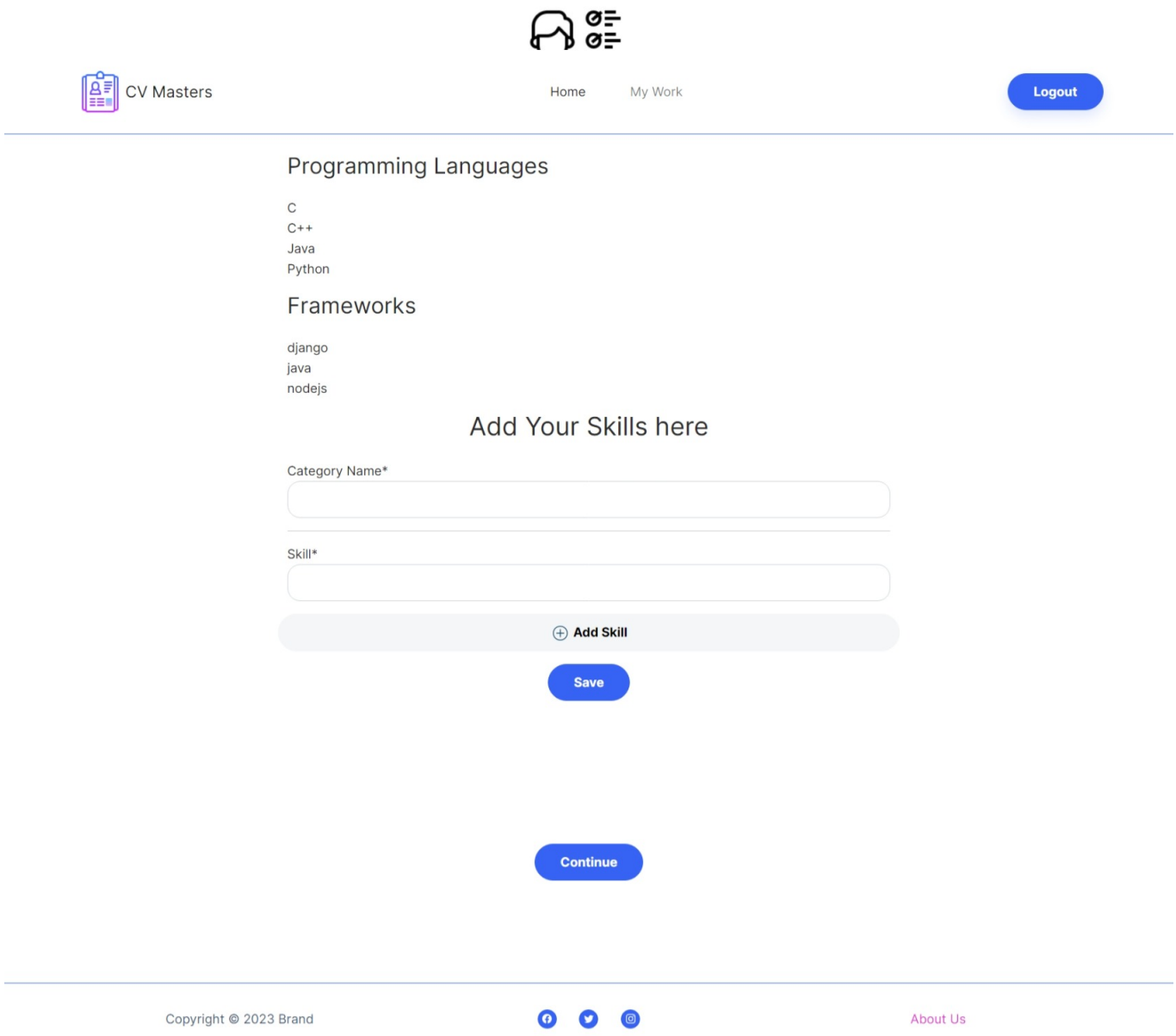
Add Skill

Save

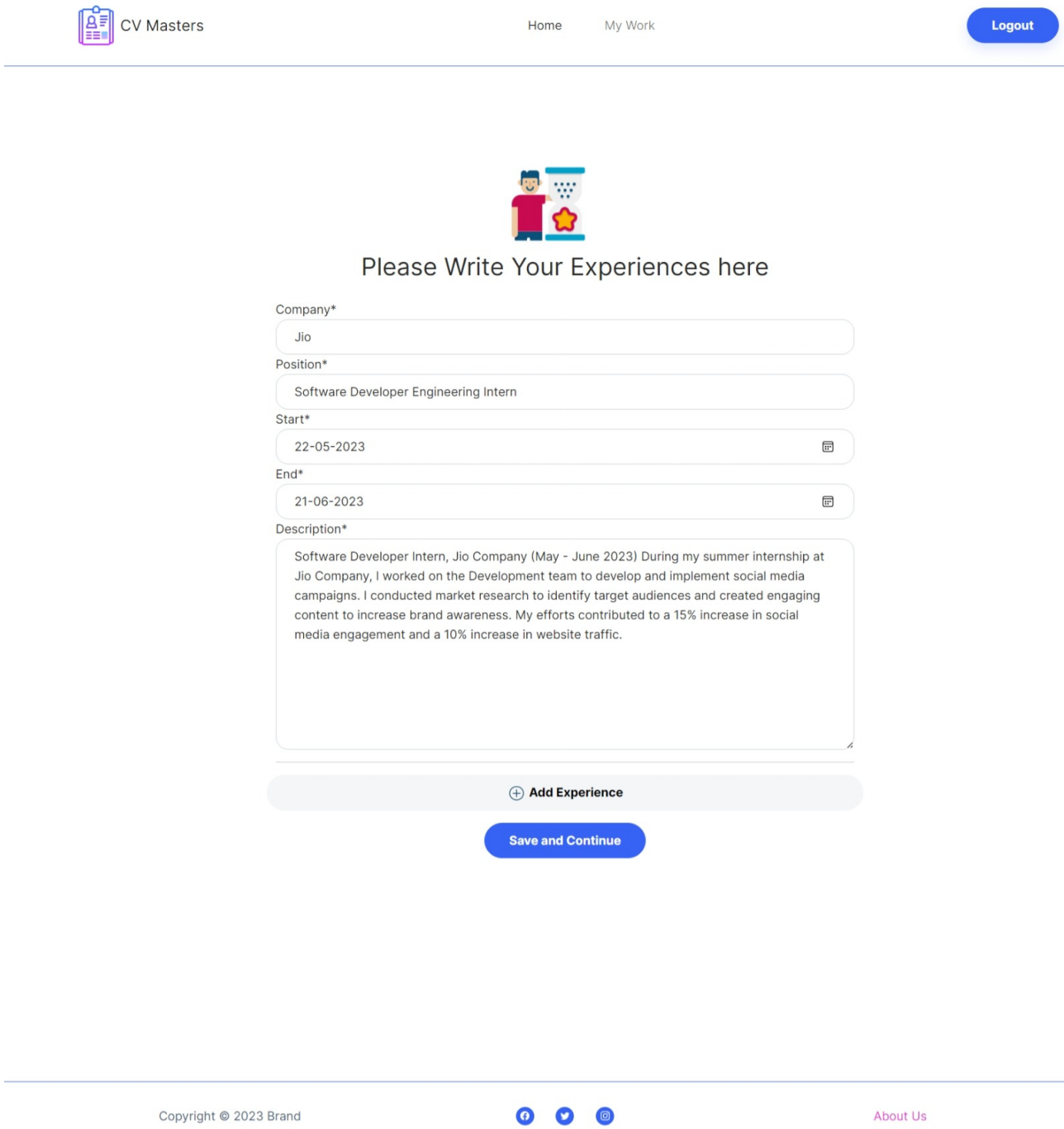
Continue

Copyright © 2023 Brand

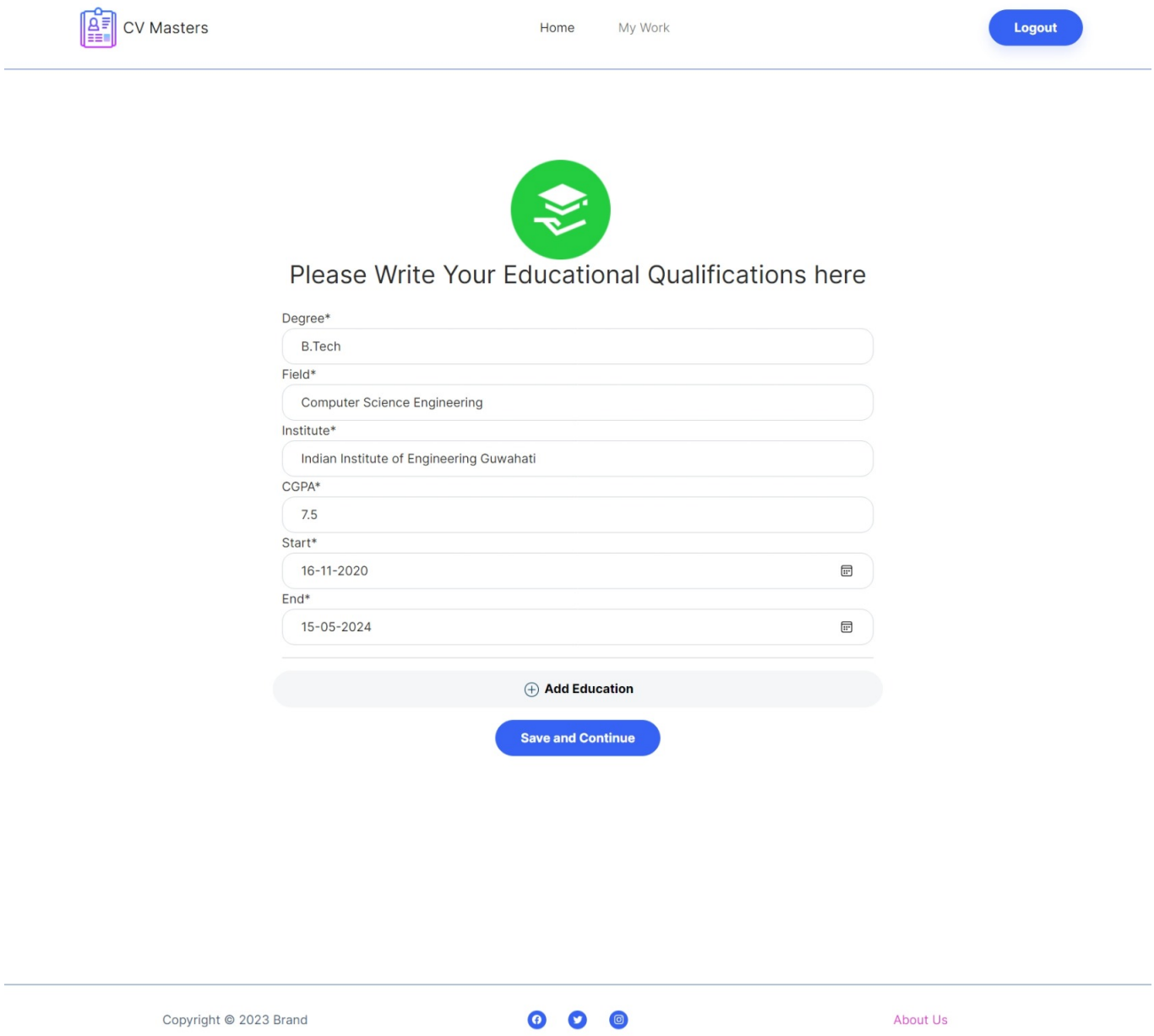
About Us



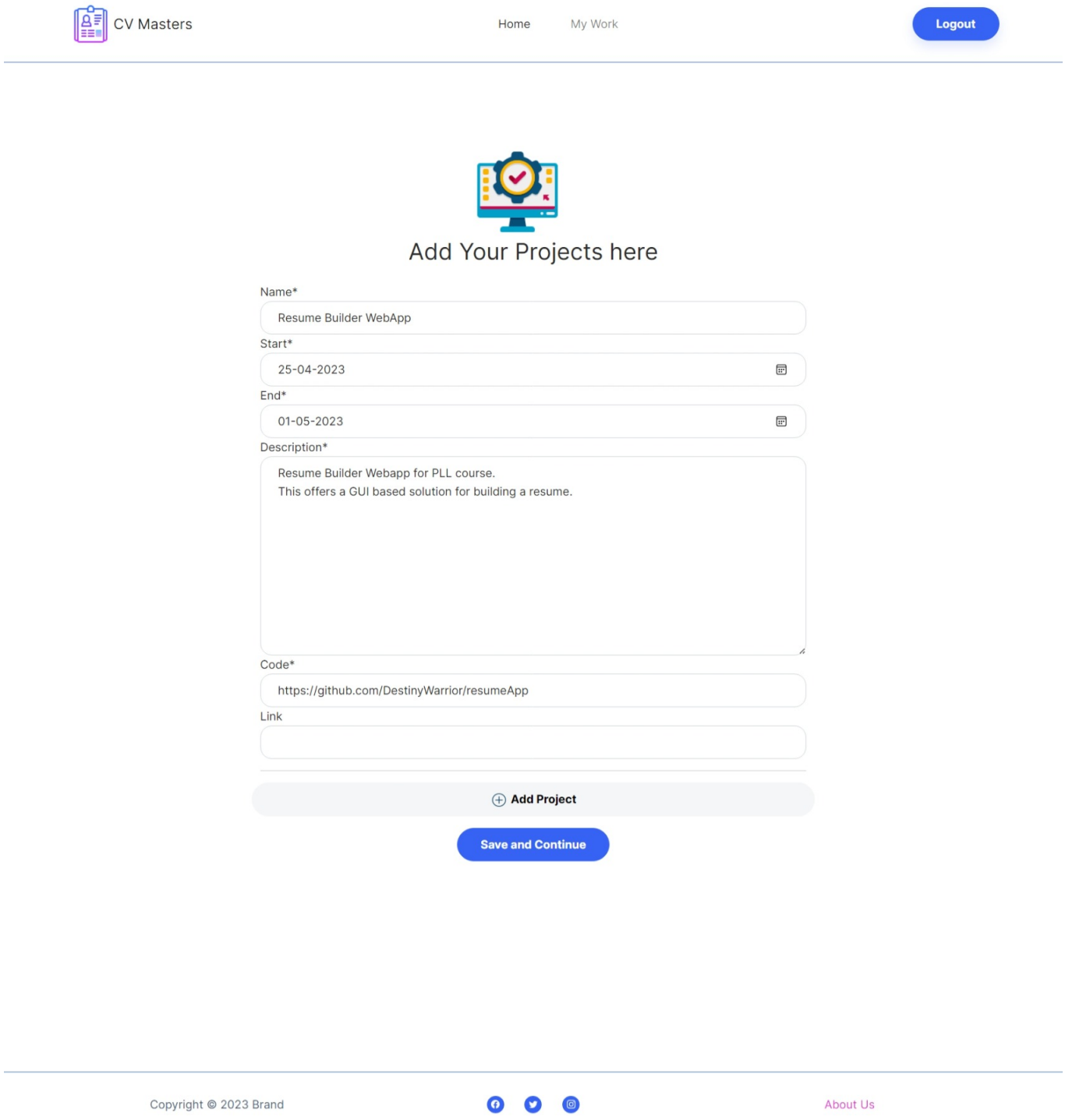
Click on Save, you will be redirected to the Add your Experience page:



Click on Save, you will be redirected to the Add your Education page:



Click on Save, you will be redirected to the Add your Projects page:



Click on Save, you will be redirected to the Add your Courses page:

Currently added Courses

Add Your Courses here

Category Name*

Computer Science

Course Name*

Discrete Mathematics

Course Name*

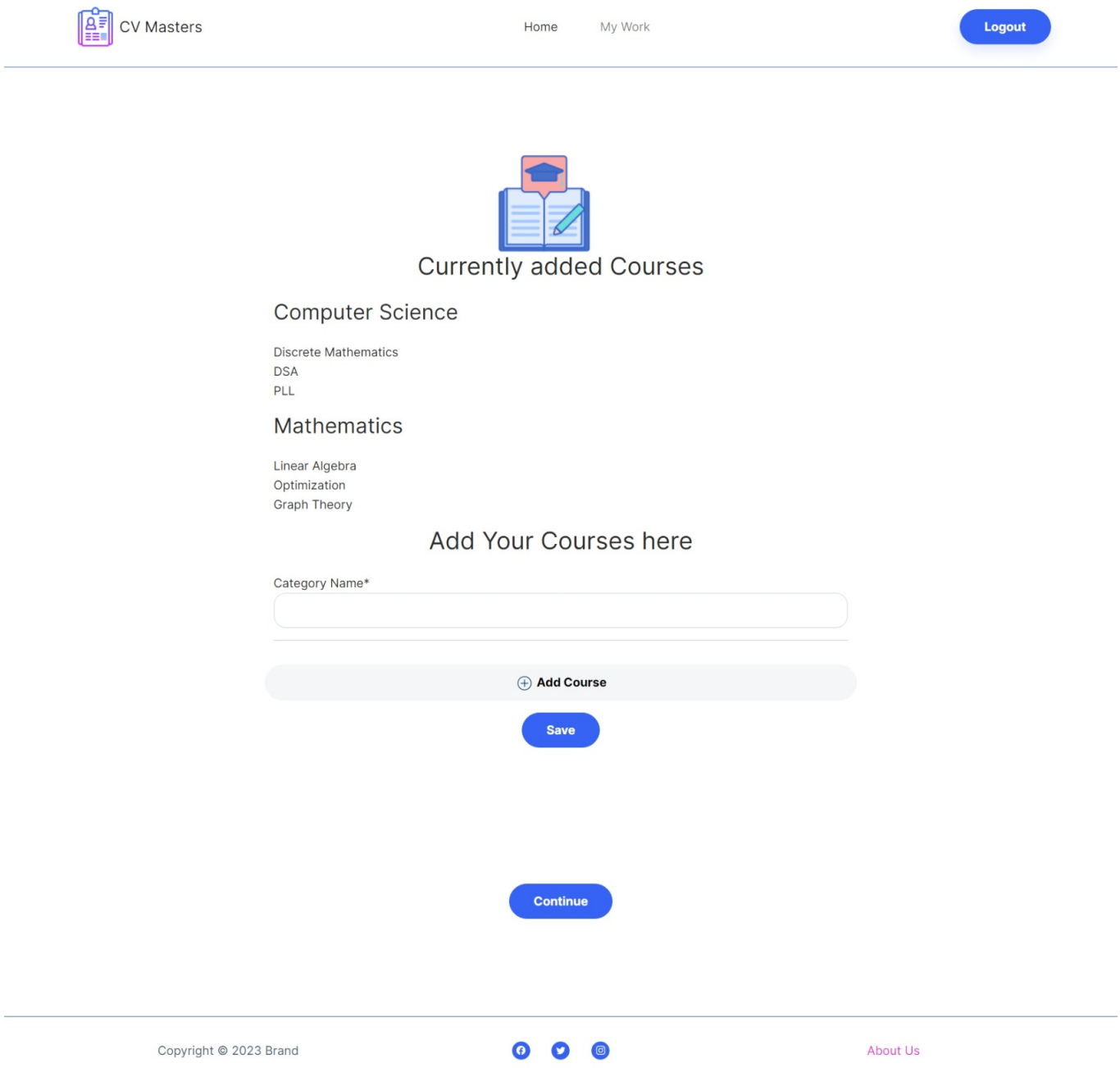
DSA

Course Name*

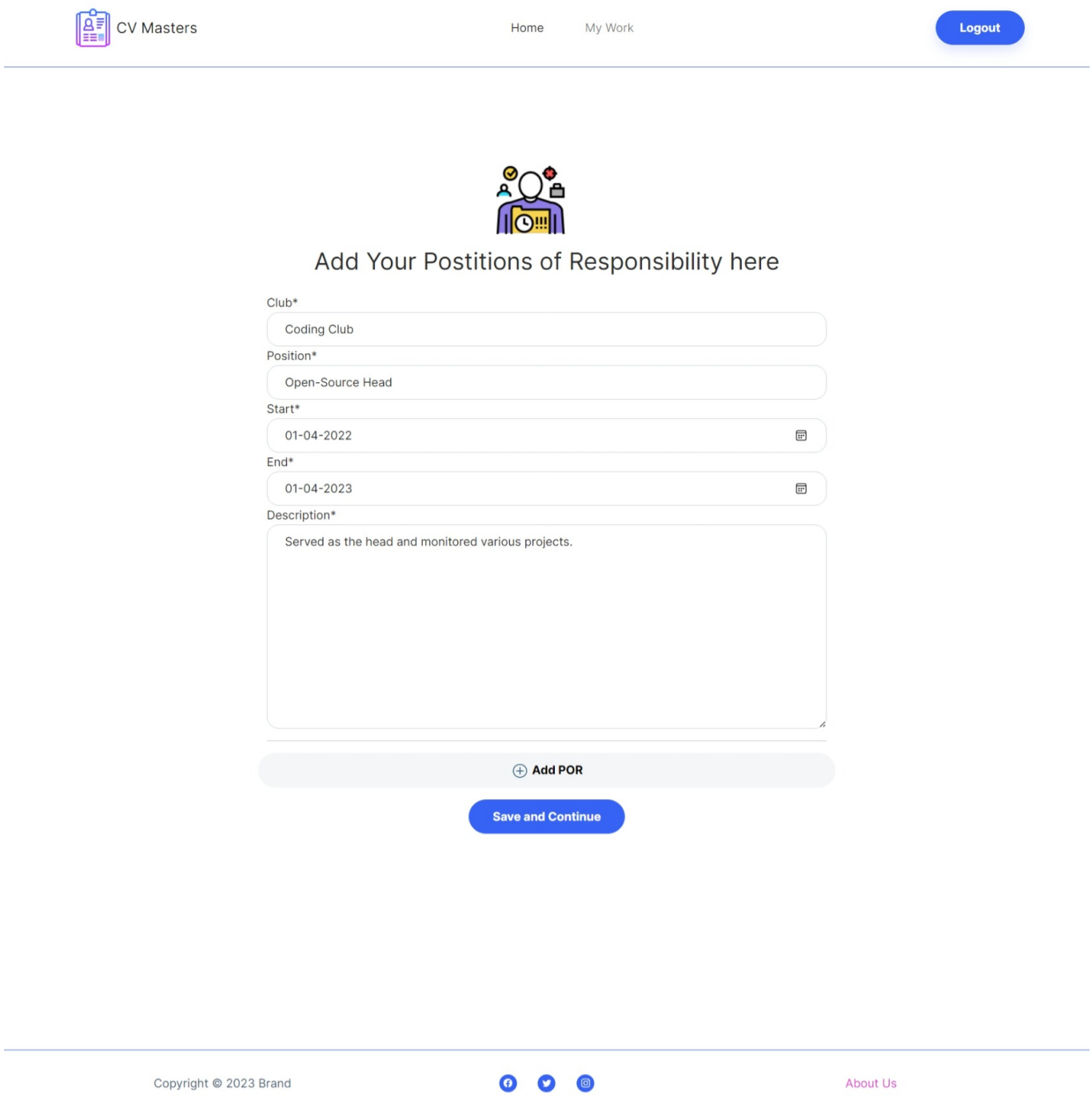
PLL

Add Course

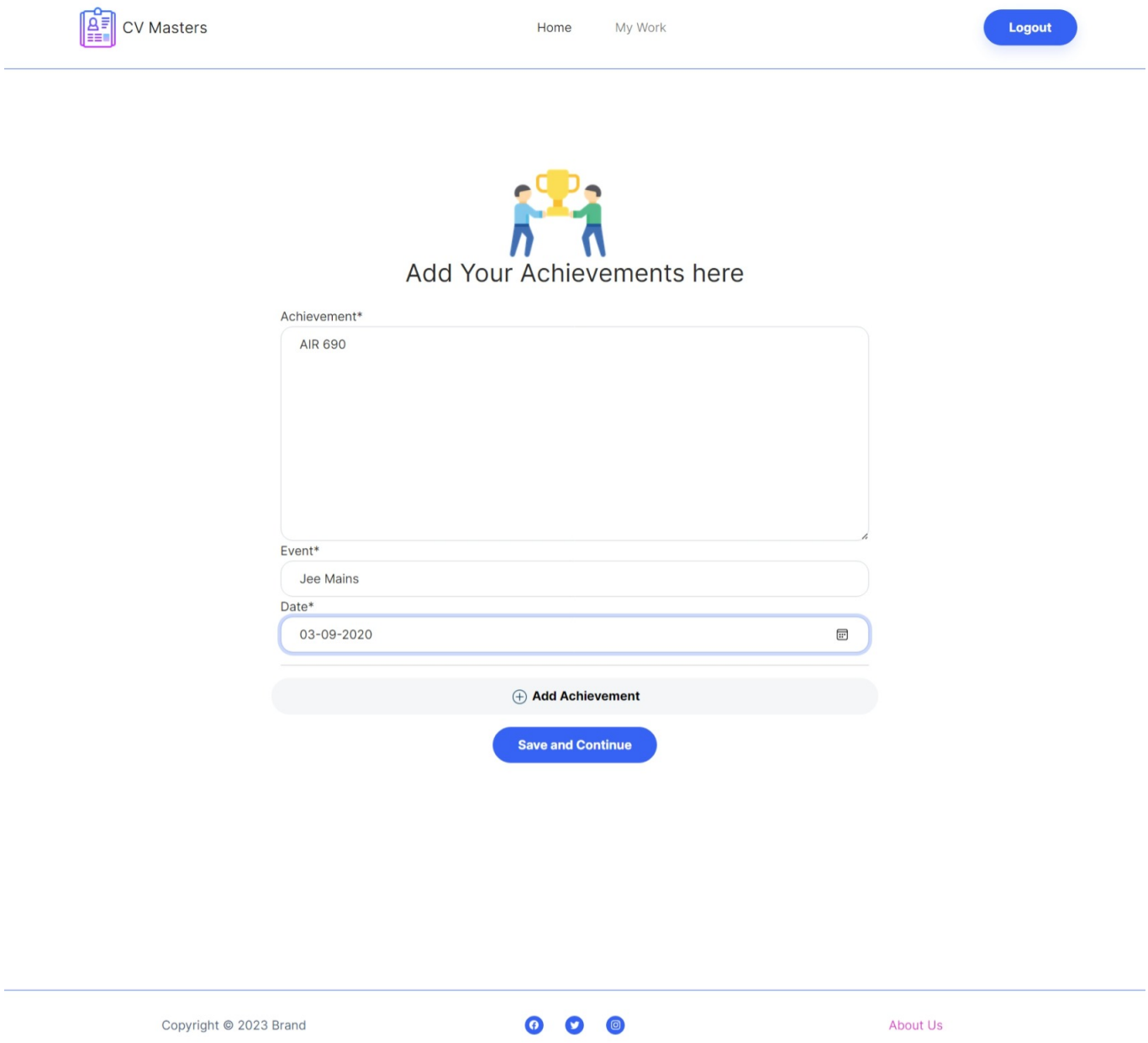
Save



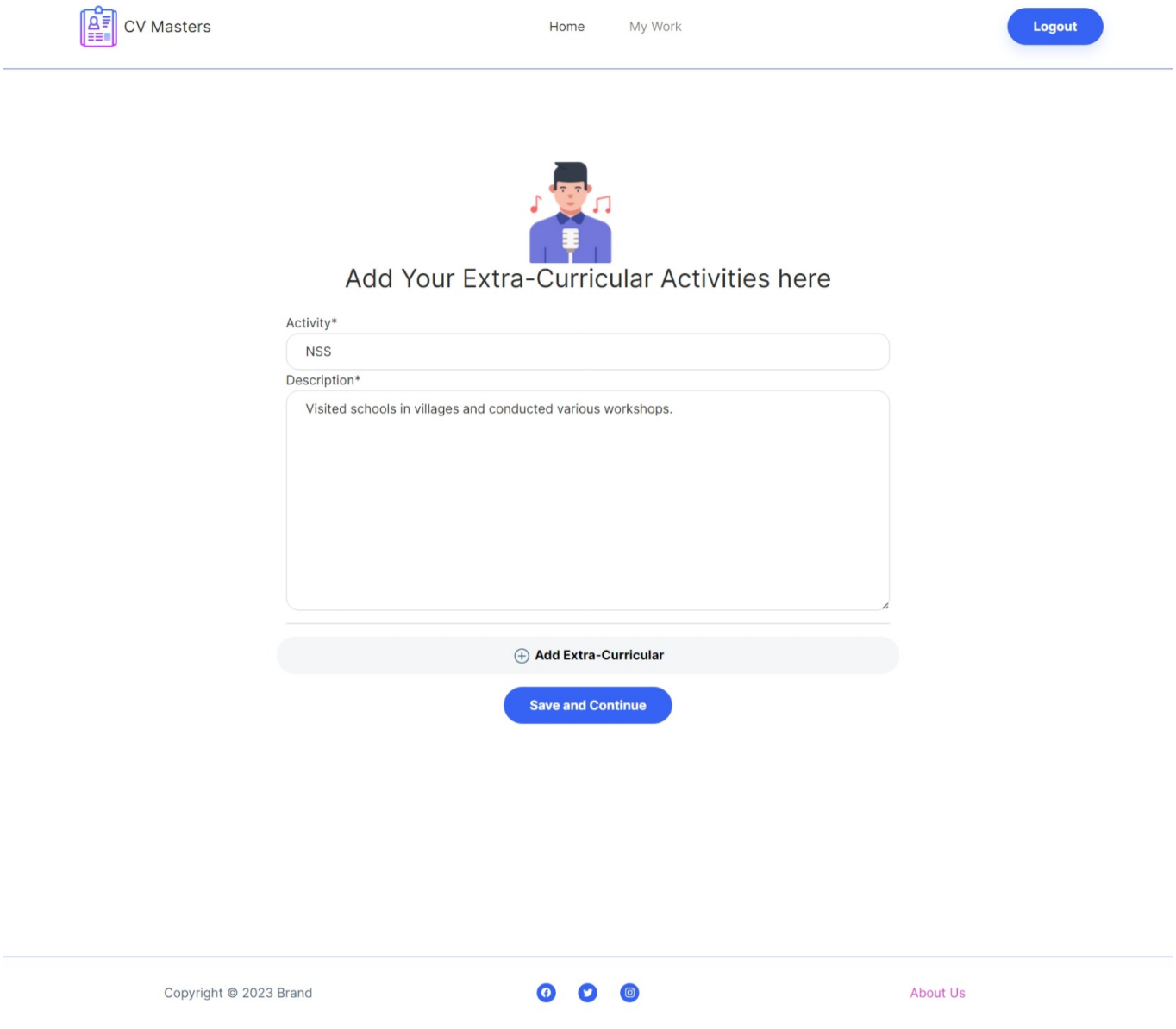
Click on Save, you will be redirected to the Add your POR page:



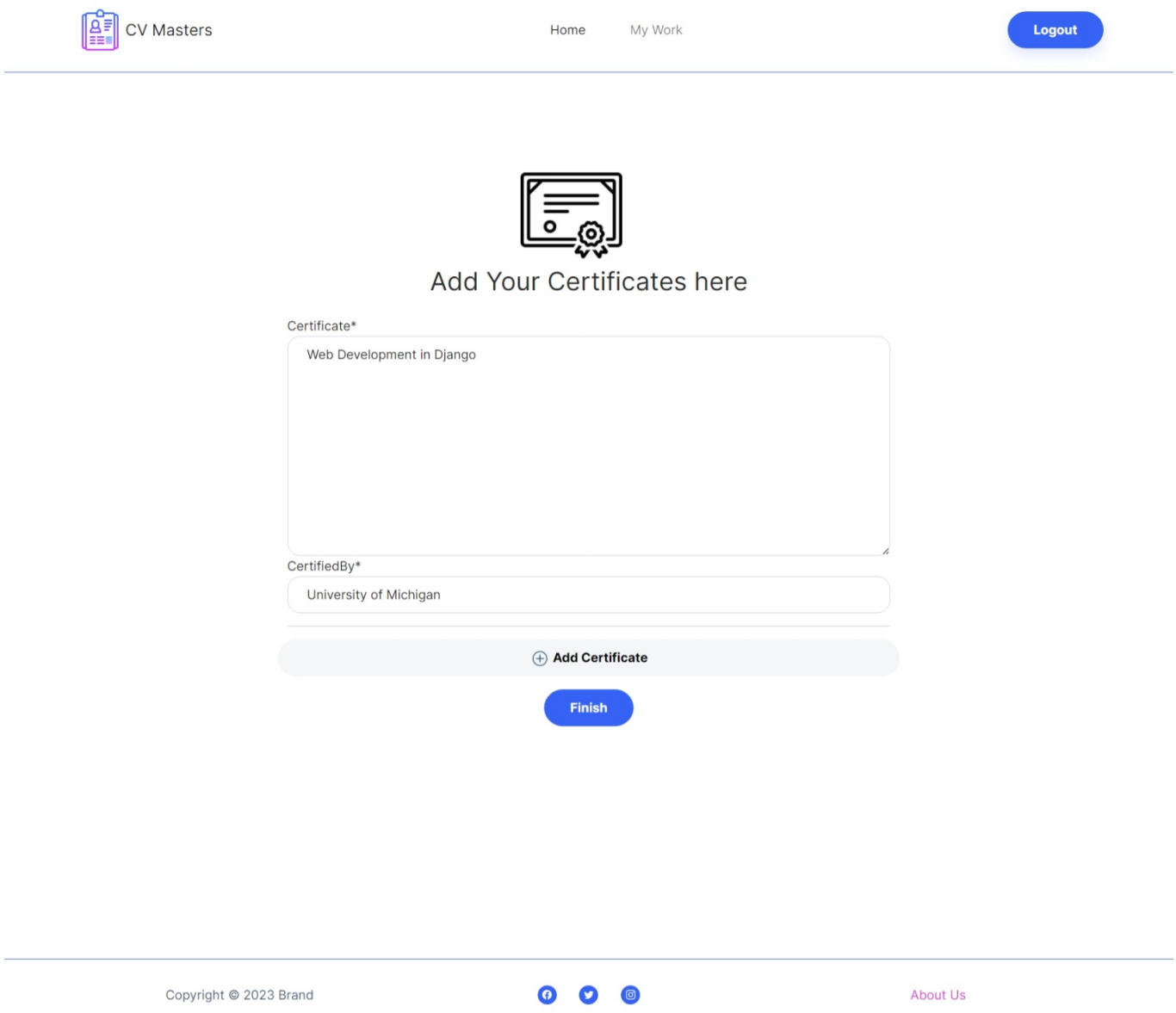
Click on Save, you will be redirected to the Add your Achievements page:



Click on Save, you will be redirected to the Add your ExtraCurricular Activities page:

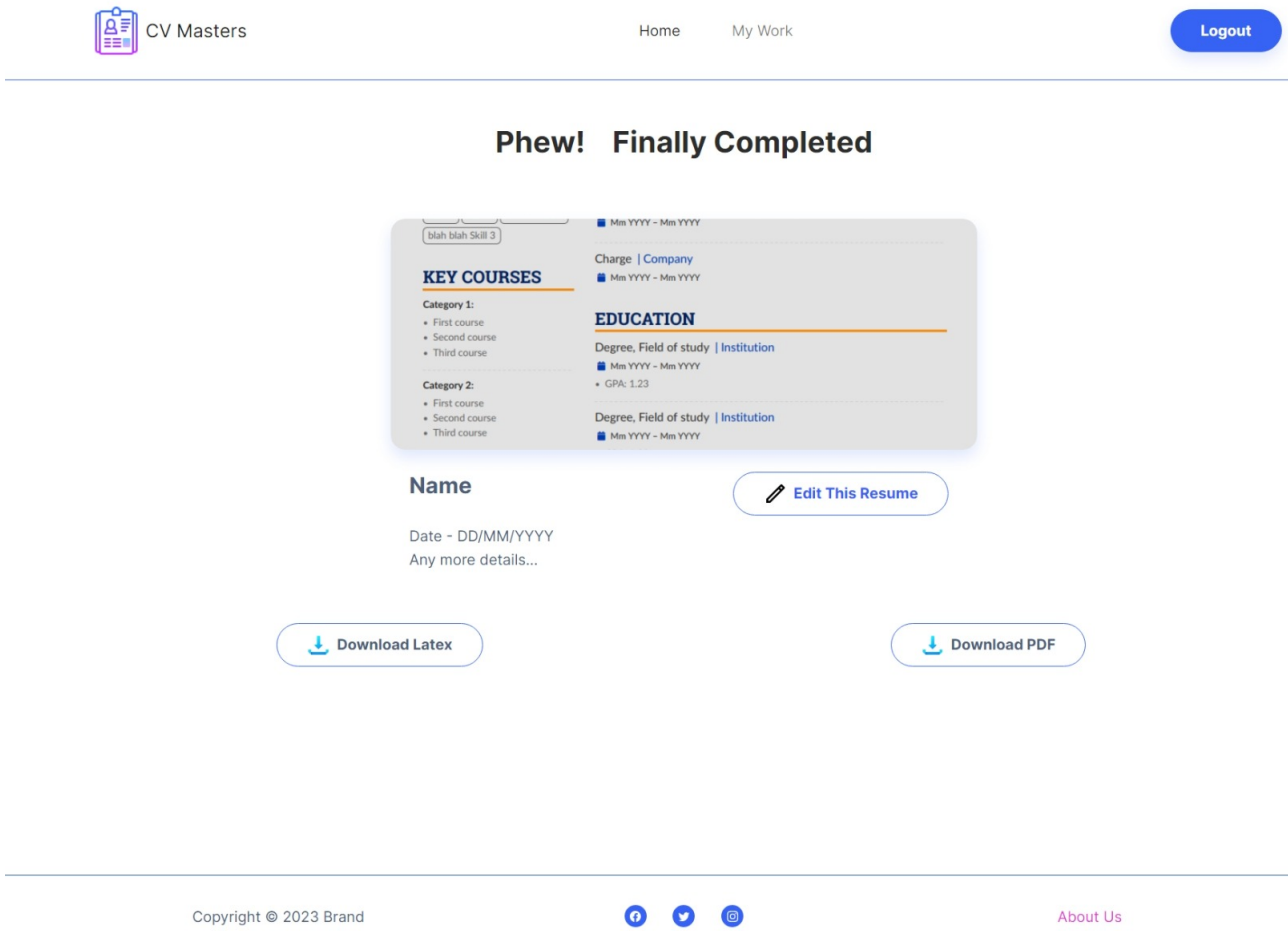


Click on Save, you will be redirected to the Add your Certificates page:

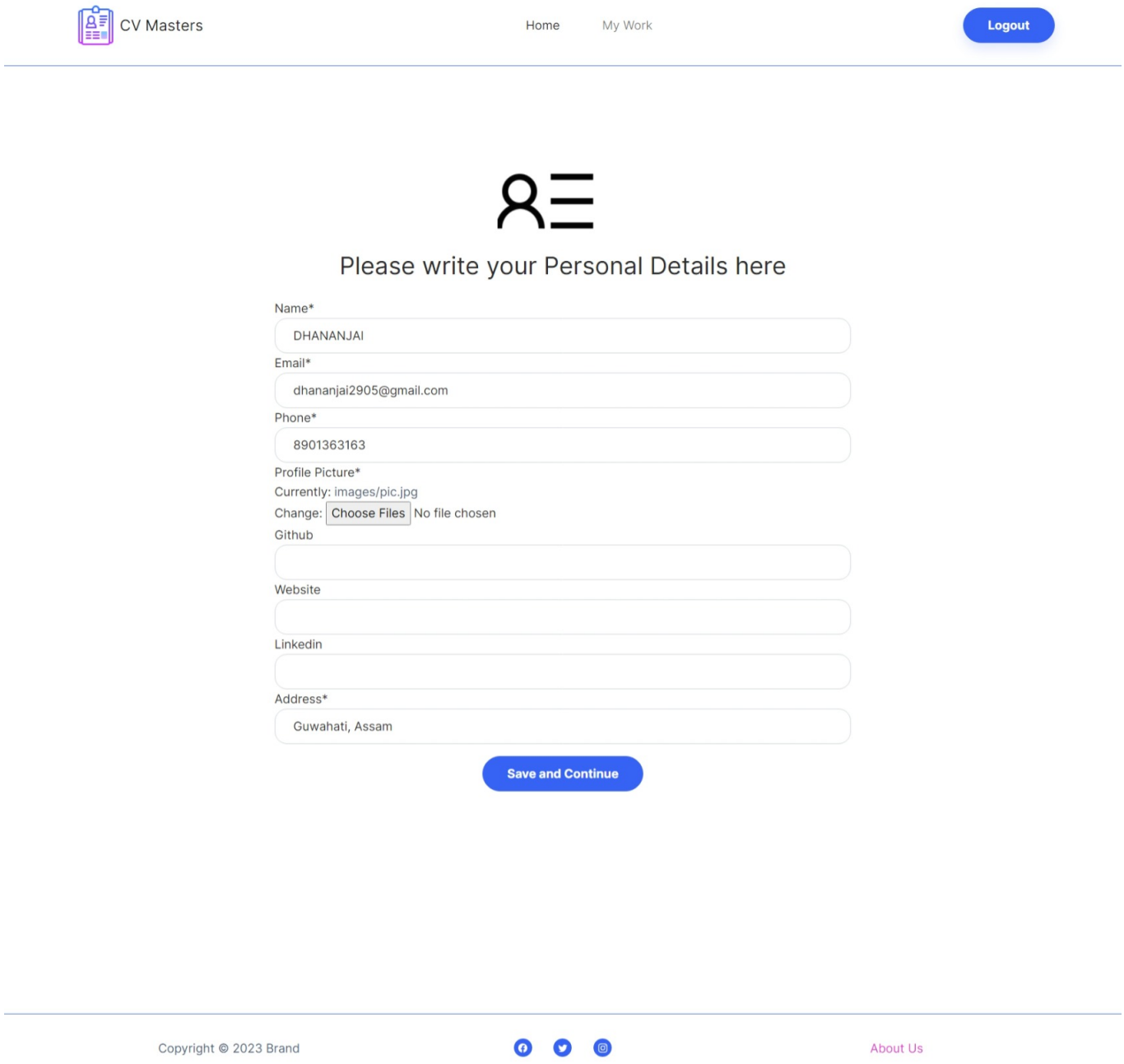


Downloads Page

After adding all the details, click on the Finish button, you will be redirected to the Downloads page:



On Clicking the Edit Resume option, you will be redirected to the Personal Info Form Page with prefiled details.



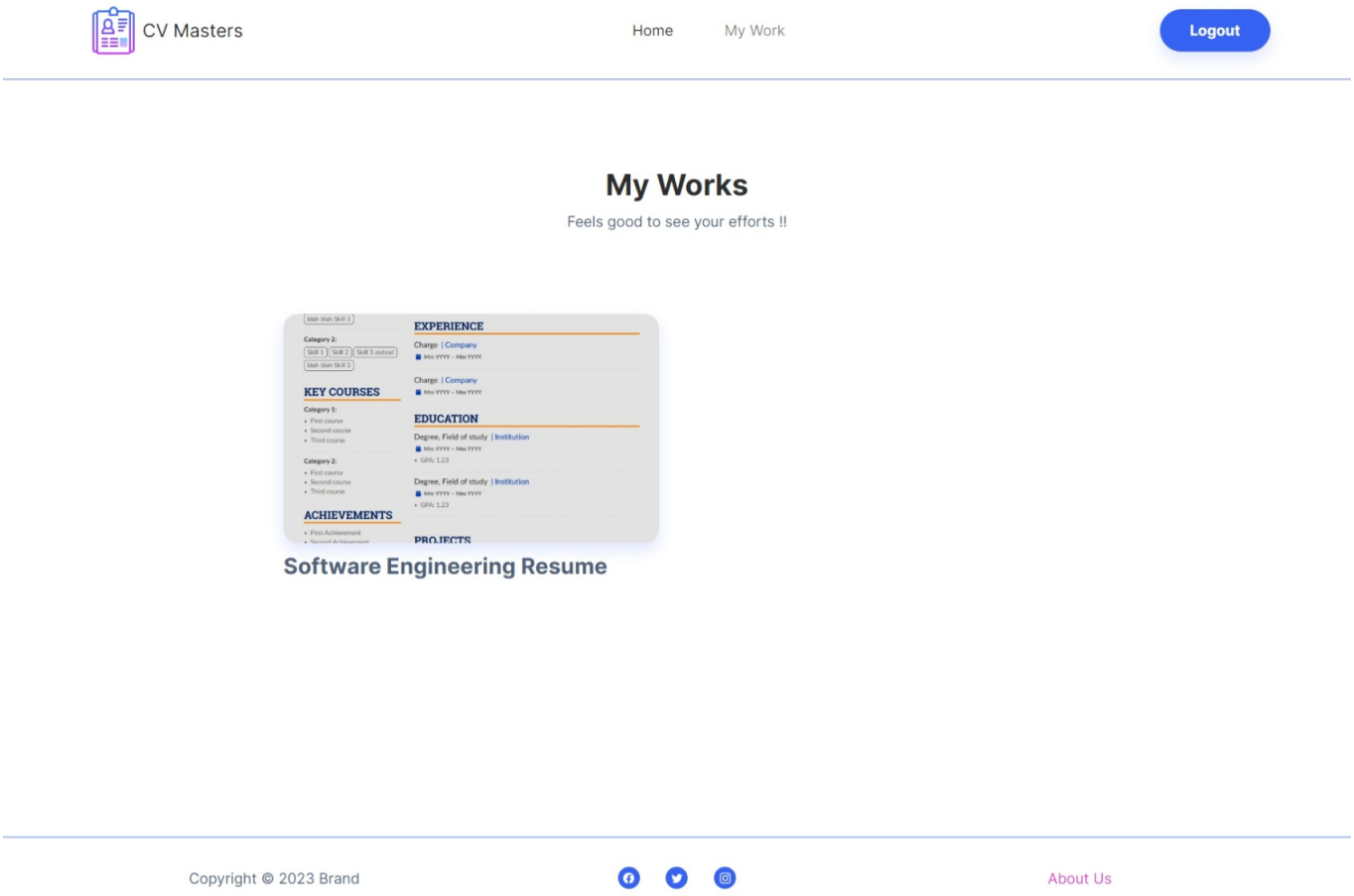
Example resume in pdf format

On Clicking the download pdf option, you will be redirected to the pdf File Viewer of the Browswer:

On Clicking the download latex option, a latex file will be downloaded in your machine.

My Works Page

In the My Works Page, you can view all your resumes:



Back To The Top

Instructions

1. First create a virtual environment using the following command:

```
python3 -m venv env
```

2. Activate the virtual environment using the following command:

```
source env/bin/activate
```

3. Install all the dependencies using the following command:

```
pip install -r requirements.txt
```

4. Download the texlive package using the following command:

- For Linux

```
sudo apt-get install texlive-full
```

- For Windows Download the texlive package from here
and install it.

- For Mac

```
brew cask install mactex
```

5. Run the following command to start the server:

```
python manage.py runserver
```

6. Go to the following url to view the website.

Back To The Top

References

- Django: Django Documentation
- BootStrap: BootStrap Documentation
- Allauth: Allauth Documentation
- Cheetah3: Cheetah3 Documentation
- Texlive: Texlive Documentation
- Overleaf Templates:
  - Template 1: Template 1
  - Template 2: Template 2
  - Template 3: See `Template3` folder in the repository
  - IITG Template: IITG Template
- Google Authentication: Google Authentication
- Office 365 Authentication: Office 365 Authentication
- Formsets: Formsets

Back To The Top

Author Info

Akshat Mittal

- Email - m.akshat@iitg.ac.in
- Github - akshatmittal2002
- Roll Number - 200101011

Dhananjai

- Email - d.dhananjai@iitg.ac.in
- Github - DestinyWarrior
- Roll Number - 200101029

Pranjal Baranwal

- Email - pranjal.baranwal@iitg.ac.in
- Github - Pranjal-g083
- Roll Number - 200101083

Satvik Tiwari

- Email - t.satvik@iitg.ac.in
- Github - stanptown
- Roll Number - 200101091

Ujwal Kumar

- Email - k.ujwal@iitg.ac.in
- Github - ujwal-k03
- Roll Number - 200101100

Back To The Top