**Code:**

**RESUME\_BUILDER/settings.py**

INSTALLED\_APPS = [

'django.contrib.admin',

'django.contrib.auth',

'django.contrib.contenttypes',

'django.contrib.sessions',

'django.contrib.messages',

'django.contrib.staticfiles',

'App'

]

**RESUME\_BUILDER/urls.py**

urlpatterns = [

path('admin/', admin.site.urls),

path('”', include("App.urls")),

]

**App/views.py**

from django.shortcuts import render,redirect

from django.contrib import messages

from django.http import HttpResponseNotFound

from faunadb import query as q

import pytz

from faunadb.objects import Ref

from faunadb.client import FaunaClient

import hashlib

import datetime

client = FaunaClient(secret="fnAEksP4\_rACTDYcTtBEUlqjUszMCHnUegI-4n1j")

indexes = client.query(q.paginate(q.indexes()))

# Create your views here.

def index(request):

return render(request,"index.html")

def login(request):

if request.method == "POST":

username = request.POST.get("username").strip().lower()

password = request.POST.get("password")

try:

user = client.query(q.get(q.match(q.index("users\_index"), username)))

if hashlib.sha512(password.encode()) == user["data"]["password"]:

request.session["user"] = {

"username": user["data"]["username"]

}

return redirect("App:index")

else:

raise Exception()

except:

messages.add\_message(request, messages.INFO,"You have supplied invalid login credentials, please try again!", "danger")

return redirect("App:login")

return render(request,"login.html")

def register(request):

if request.method == "POST":

username = request.POST.get("username").strip().lower()

email = request.POST.get("email").strip().lower()

password = request.POST.get("password")

try:

user = client.query(q.get(q.match(q.index("users\_index"), username)))

messages.add\_message(request, messages.INFO, 'User already exists with that username.')

return redirect("App:register")

except:

user = client.query(q.create(q.collection("Users"), {

"data": {

"username": username,

"email": email,

"password": hashlib.sha512(password.encode()),

"date": datetime.datetime.now(pytz.UTC)

}

}))

messages.add\_message(request, messages.INFO, 'Registration successful.')

return redirect("App:login")

return render(request,"register.html")

def create\_resume(request):

if request.method=="POST":

username=request.session["user"]["username"]

full\_name=request.POST.get("name")

address=request.POST.get("address")

phone=request.POST.get("phone")

email=request.POST.get("email")

about\_you=request.POST.get("about\_you")

education=request.POST.get("education")

projects=request.POST.get("projects")

skills=request.POST.get("skills")

contact\_information=request.POST.get("contact\_information")

try:

resume = client.query(q.get(q.match(q.index("resume\_index"), username)))

quiz = client.query(q.update(q.ref(q.collection("Resume\_Info"),resume["ref"].id()), {

"data": {

"user":username,

"full\_name": full\_name,

"address": address,

"phone": phone,

"email":email,

"about\_you":about\_you,

"education":education,

"projects":projects,

"skills":skills,

"contact\_information":contact\_information,

}

}))

messages.add\_message(request, messages.INFO, 'Resume Info Edited Successfully. Download Resume Now')

return redirect("App:create-resume")

except:

quiz = client.query(q.create(q.collection("Resume\_Info"), {

"data": {

"user":username,

"full\_name": full\_name,

"address": address,

"phone": phone,

"email":email,

"about\_you":about\_you,

"education":education,

"projects":projects,

"skills":skills,

"contact\_information":contact\_information,

}

}))

messages.add\_message(request, messages.INFO, 'Resume Info Saved Successfully. Download Resume Now')

return redirect("App:resume")

else:

try:

resume\_info = client.query(q.get(q.match(q.index("resume\_index"), request.session["user"]["username"])))["data"]

context={"resume\_info":resume\_info}

return render(request,"create-resume.html",context)

except:

return render(request,"create-resume.html")

def resume(request):

try:

resume\_info = client.query(q.get(q.match(q.index("resume\_index"), request.session["user"]["username"])))["data"]

context={"resume\_info":resume\_info}

return render(request,"resume.html",context)

except:

return render(request,"resume.html")

**App/urls.py**

from django.conf import settings

from django.conf.urls.static import static

from django.urls import path, include

from . import views

app\_name = "App"

urlpatterns = [

path("", views.login, name="login"),

path("login", views.login, name="login"),

path("register", views.register, name="register"),

path("index", views.index, name="index"),

path("create-resume", views.create\_resume, name="create-resume"),

path("resume", views.resume, name="resume"),

]

**App/templates/create-resume.html**

{% load static %}

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="utf-8"/>

<title>

Fauna Resume Builder

</title>

<link href="{% static './style.css' %}" rel="stylesheet"/>

</head>

<body>

<!-- partial:index.partial.html -->

<div id="javascript\_header">

</div>

<form method="POST">

{% csrf\_token %}

<ul class="messages">

{% for message in messages %}

<li{% if message.tags %} class="{{ message.tags }}"{% endif %} style="color:red;">{{ message }}</li>

{% endfor %}

</ul>

<div class="form\_\_header">

<h1>

Build Your Resume

</h1>

<p>

Enter the fields below to generate a resume file.

</p>

</div>

<h2>

Personal Details

</h2>

<div class="form-group">

<label for="name">

Full Name

<span>

\*

</span>

</label>

<input id="name" name="name" value="{{resume\_info.full\_name}}" type="text"/>

<div class="error" id="name\_\_error">

</div>

</div>

<div class="form-group">

<label for="address">

Address

</label>

<input id="address" name="address" value="{{resume\_info.address}}" type="text"/>

</div>

<div class="form-group">

<label for="phone">

Phone

</label>

<input id="phone" name="phone" value="{{resume\_info.phone}}" type="text"/>

</div>

<div class="form-group">

<label for="email">

Email

<span>

\*

</span>

</label>

<input id="email" name="email" value="{{resume\_info.email}}" type="email"/>

<div class="error" id="email\_\_error">

</div>

</div>

<div class="form-group">

<label for="about\_you">

About You

</label>

<textarea id="about\_you" name="about\_you" placeholder="{{resume\_info.about\_you}}"></textarea>

</div>

<div class="form-group">

<label for="education">

Education

</label>

<textarea id="education" name="education" placeholder="{{resume\_info.education}}"></textarea>

</div>

<div class="form-group">

<div class="line-break">

</div>

<label for="projects">

Projects

</label>

<textarea id="projects" name="projects" placeholder="{{resume\_info.projects}}"></textarea>

</div>

<div class="form-group">

<div class="line-break">

</div>

<label for="skills">

Skills

</label>

<textarea id="skills" name="skills" placeholder="{{resume\_info.skills}}"></textarea>

</div>

<div class="form-group">

<div class="line-break">

</div>

<label for="contact\_information">

Contact Information

</label>

<textarea id="contact\_information" name="contact\_information" placeholder="{{resume\_info.contact\_information}}"></textarea>

</div>

<div class="line-break">

</div>

<input type="submit" value="Submit Info"/>

<br>

<a class="button"style="background-color:red;" href="index">Back to home</a>

</form>

<!-- partial -->

<script src="{% static './script.js' %}">

</script>

</body>

</html>

**App/templates/index.html**

{% load static %}

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="utf-8"/>

Fauna Resume Builder

</title>

<link href="{% static './style.css' %}" rel="stylesheet"/>

</head>

<body>

<!-- partial:index.partial.html -->

<div id="javascript\_header">

</div>

<form>

<div class="form\_\_header">

<h1>

Build Your Resume

</h1>

<p>

Dashboard

</p>

</div>

<div class="line-break">

</div>

<a class="button" href="create-resume"> Create/Edit Resume</a>

<div class="line-break">

</div>

<a class="button" href="resume"> View Resume</a>

<div class="line-break">

</div>

<a class="button" style="background-color:red;" href="login"> Logout </a>

</form>

<!-- partial -->

<script src="{% static './script.js' %}">

</script>

</body>

</html>

**App/templates/login.html**

{% load static %}

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="utf-8"/>

<title>

Fauna Resume Builder

</title>

<link href="{% static './style.css' %}" rel="stylesheet"/>

</head>

<body>

<!-- partial:index.partial.html -->

<div id="javascript\_header">

</div>

<form method="POST">

{% csrf\_token %}

<div class="form\_\_header">

<h1>

Login/Sign In

</h1>

<p>

Enter your login details below.

</p>

{% csrf\_token %}

<ul class="messages">

{% for message in messages %}

<li{% if message.tags %} class="{{ message.tags }}"{% endif %} style="color:red;">{{ message }}</li>

{% endfor %}

</ul>

</div>

<div class="form-group">

<label for="name">

Username

<span>

\*

</span>

</label>

<input id="username" name="username" type="text"/>

<div class="error" id="name\_\_error">

</div>

</div>

<div class="form-group">

<label for="password">

Password

<span>

\*

</span>

</label>

<input id="password" name="password" type="password"/>

</div>

<div class="line-break">

</div>

<input id="login" type="submit" value="Login"/>

Don't have an account? <a href="register">Sign Up</a>

</form>

<!-- partial -->

<script src="{% static './script.js' %}">

</script>

</body>

</html>

**App/templates/resgister.html**

{% load static %}

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="utf-8"/>

<title>

Fauna Resume Builder

</title>

<link href="{% static './style.css' %}" rel="stylesheet"/>

</head>

<body>

<!-- partial:index.partial.html -->

<div id="javascript\_header">

</div>

<form method="POST">

{% csrf\_token %}

<div class="form\_\_header">

<h1>

Register/Sign Up

</h1>

<p>

Enter your login details below.

</p>

</div>

<div class="form-group">

<label for="name">

Username

<span>

\*

</span>

</label>

<input id="username" name="username" type="text"/>

<div class="error" id="name\_\_error">

</div>

</div>

<div class="form-group">

<label for="email">

Email

<span>

\*

</span>

</label>

<input id="email" name="email" type="email"/>

<div class="error" id="name\_\_error">

</div>

</div>

<div class="form-group">

<label for="password">

Password

<span>

\*

</span>

</label>

<input id="password" name="password" type="password"/>

</div>

<div class="line-break">

</div>

<input id="register" type="submit" value="Register"/>

Already have an account? <a href="login">Sign In</a>

</form>

<!-- partial -->

<script src="{% static './script.js' %}">

</script>

</body>

</html>

App/templates/resume.html

<html>

<head>

<title>{% if resume\_info.full\_name %}{{resume\_info.full\_name}}'s Resume {% endif %}</title>

<style>

@import url('https://fonts.googleapis.com/css?family=Poppins:400,600&display=swap');

body {

font-family: 'Poppins', sans-serif;

background: #fafafa;

color: rgba(0,0,0,0.75);

}

h1 {

color: rgba(0,0,0,0.9);

}

h1, p {

box-sizing: border-box;

margin: 0px;

padding: 0px 24px;

}

.line-break {

width: 100%;

height: 1px;

margin: 16px auto;

border-bottom: 1px solid #eee;

}

.resume {

border-radius: 8px;

box-sizing: border-box;

display: flex;

flex-direction: column;

max-width: 800px;

margin: 48px auto;

padding: 16px 0px;

background: white;

box-shadow: 0 1px 3px rgba(0, 0, 0, 0.02), 0 1px 2px rgba(0, 0, 0, 0.14);

}

.resume-group {

box-sizing: border-box;

padding: 8px 0px;

width: 100%;

display: flex;

border-left: 3px solid transparent;

transition: 0.2s;

}

.resume-group:hover {

border-left: 3px solid #64FFDA;

}

.left-col {

width: 35%;

}

.right-col {

width: 65%;

}

.instructions {

opacity: 0.5;

text-align: center;

font-size: 0.8rem;

margin: 16px auto;

}

</style>

</head>

<body>

<div class="resume">

{% if resume\_info.full\_name %}

<h1>{{resume\_info.full\_name}}</h1>

{% endif %}

{% if resume\_info.email %}

<p>{{resume\_info.email}}</p>

{% endif %}

{% if resume\_info.phone %}

<p>{{resume\_info.phone}}</p>

{% endif %}

{% if resume\_info.address %}

<p>{{resume\_info.address}}</p>

{% endif %}

{% if resume\_info.about\_you %}

<div class="resume-group"><div class="left-col">

<p>ABOUT YOU</p>

</div>

<div class="right-col">

<p>{{resume\_info.about\_you|linebreaks}}</p>

</div>

</div>

{% endif %}

{% if resume\_info.education %}

<div class="resume-group"><div class="left-col">

<p>EDUCATION</p>

</div>

<div class="right-col">

<p>{{resume\_info.education|linebreaks}}</p>

</div>

</div>

{% endif %}

{% if resume\_info.projects %}

<div class="resume-group">

<div class="left-col">

<p>PROJECTS</p>

</div>

<div class="right-col">

<p>{{resume\_info.projects|linebreaks}}</p>

</div>

</div>

{% endif %}

{% if resume\_info.skills %}

<div class="resume-group">

<div class="left-col">

<p>SKILLS</p>

</div>

<div class="right-col">

<p>{{resume\_info.skills|linebreaks}}</p>

</div>

</div>

{% endif %}

{% if resume\_info.contact\_information %}

<div class="resume-group">

<div class="left-col">

<p>CONTACT INFORMATION</p>

</div>

<div class="right-col">

<p>{{resume\_info.contact\_information|linebreaks}}</p>

</div>

</div>

{% endif %}

</body>

</html>