



Assignment :- 01

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Branch :- B.Tech CSE-B

Subject:- Full Stack web Development

Roll No :- 162411510201

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Submitted to :- Stephan Dass

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Login Page

The screenshot shows the login interface for the Alumniconnect website. At the top, there is a navigation bar with the title "ALUMNICONNECT" and links for "HOME", "EVENTS", "ALUMNI", "POSTS", "LOGIN" (which is highlighted with a blue border), and "REGISTER". Below the navigation bar is a large, rounded rectangular form titled "ACCESS NETWORK". It contains three input fields: "EMAIL ADDRESS" with placeholder text "Enter your email address", "PASSWORD" with placeholder text "Enter your password", and a "ENTER NETWORK" button at the bottom.

Register Page

The screenshot shows the registration interface for the Alumniconnect website. It features a large, rounded rectangular form titled "JOIN THE NETWORK". The form includes three input fields: "USERNAME" with placeholder text "Enter your username", "EMAIL ADDRESS" with placeholder text "Enter your email address", and "PASSWORD" with placeholder text "Enter your password". At the bottom of the form is a "JOIN NETWORK" button.

Home page

The screenshot displays the homepage of the AlumniConnect platform. At the top, there's a navigation bar with links for Home, Events, Alumni, Posts, and a user profile icon. A prominent yellow button labeled "Logout" is also visible.

Welcome to AlumniConnect

Stay Connected. Empower Your Legacy.

Join a vibrant network of past students, celebrate achievements, and discover new opportunities.

[Join the Community](#)

Upcoming Events

Join upcoming events and connect with our alumni community

Career Guidance Session	Tech Innovations 2025	Startup Webinar
Sat, Aug 30, 2025 DEmo of participants View Details →	Wed, Oct 1, 2025 Room 101, Main Building Explore the latest in AI and Robotics. of participants View Details →	Tue, Nov 11, 2025 Online Online session with startup founders. of participants View Details →

Notable Alumni

monika
alumni
[LinkedIn](#) [Email](#)

balaji
alumni
[LinkedIn](#) [Email](#)

Santhosh
alumni
[LinkedIn](#) [Email](#)

See What Our Users Say

Implementing this ERP was smooth and quick... Bilal Ahmed IT Manager	Its robust features and quick support have transformed our workflow... Zainab Hussain Project Manager	They delivered a solution that exceeded expectations... Sana Sheikh Sales Manager
The support team is exceptional... Saman Malik Customer Support Lead	The smooth implementation exceeded expectations... Aliza Khan Business Analyst	Using this ERP, our online presence and conversions significantly improved... Hassan Ali E-commerce Manager
This ERP revolutionized our operations... Briana Pettion Operations Manager	This ERP's seamless integration enhanced our business operations... Omar Raza CEO	Our business functions improved with a user-friendly design... Farhan Siddiqui Marketing Director
Implementing this ERP was smooth and quick... Bilal Ahmed IT Manager	Its robust features and quick support have transformed our workflow... Zainab Hussain Project Manager	They delivered a solution that exceeded expectations... Sana Sheikh Sales Manager
The support team is exceptional... Saman Malik Customer Support Lead	The smooth implementation exceeded expectations... Aliza Khan Business Analyst	Using this ERP, our online presence and conversions significantly improved... Hassan Ali E-commerce Manager

Events Page

Upcoming Events

Career Guidance Session

DEmo

30/08/2025, 23:05:28

career

1/200 seats

199 left

[REGISTER NOW](#)

Career Talk: UX Design

Talk with industry designers

08/09/2025, 16:26:03

Noida, UttarPradesh,India

networking

0/100 seats

100 left

[REGISTER NOW](#)

Startup Networking Night

Meetup for alumni & students

08/09/2025, 16:28:52

Online

reunion

1/100 seats

99 left

[REGISTER NOW](#)

Tech Innovations 2025

Explore the latest in AI and Robotics.

01/10/2025, 11:30:00

Room 101, Main Building

seminar

3/100 seats

97 left

[REGISTER NOW](#)



Tech Innovations 2025

Explore the latest in AI and Robotics.

01/10/2025, 11:30:00

Room 101, Main Building

seminar

Alumni Page

ALUMNICONNECT

HOME EVENTS ALUMNI POSTS  LOGOUT

Alumni Directory

Batch Year All Schools **APPLY FILTER**



**Balaji
Gangadharan**
SoT (2020)

[VIEW PROFILE](#)



**Monika
Gangadharan**
SoT (2024)

[VIEW PROFILE](#)

Profile View Page



Balaji Gangadharan

Email: balaji@fractal.com

School: SoT

Specialization: cse

Batch: 2020

[LinkedIn](#) [GitHub](#) [Portfolio](#)

[SEND EMAIL](#) [CALL](#)

Bio: I am Balaji Gangadharan, a dedicated and results-driven professional with a strong foundation in data analysis, problem-solving, and strategic thinking, which I developed during my time at school, specializing in a field that emphasized technical expertise and business acumen. With a solid understanding of data-driven decision making, I leverage my skills in statistical modeling, data visualization, and machine learning to drive business growth and improvement. As a detail-oriented and collaborative individual, I have built a strong reputation for delivering high-quality results and contributing to cross-functional teams. Throughout my career, I have applied my expertise to drive innovation and excellence, with a focus on continuous learning and professional development.

Related Alumni from SoT



Monika Gangadharan
SoT (2024)

[VIEW PROFILE](#)



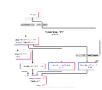
Santhosh Rajinikanth
SoT (2027)

[VIEW PROFILE](#)



Jayashree
SoT (2029)

[VIEW PROFILE](#)



SoT (2029)

[VIEW PROFILE](#)

COLLAGE_P

Posts Page

ALUMNICONNECT

HOME

EVENTS

ALUMNI

POSTS



LOGOUT

Alumni Posts

Share updates, opportunities, and connect with fellow alumni through posts and discussions.

Create a New Post

Title

Content

CREATE POST**Rajesh**
faculty

04/09/2025

Hackaton Opportunities

Smart India Hackaton

1 LIKED

COMMENTS

POST

**monika**
alumni

30/08/2025

Internship at TechCorp

Apply for a 3-month internship in software development.

1 LIKE

COMMENTS

POST

Profile View Page

My Profile

 **Rajesh**
faculty

Pending Approval
Profile Completed: 

Personal Info

Full Name: Rajesh Gandadhamam
Email: grajesh2906@gmail.com
School: SoT - Software Engineering
Batch Year: 2024

Bio: I'm Rajesh Gandadhamam, a dedicated professional with a strong foundation in data analysis and interpretation, which I developed during my time at school. With expertise in statistical modeling and data visualization, I leverage my technical skills to drive business growth and informed decision-making. As a detail-oriented and analytical individual, I possess key skills such as data mining, machine learning, and SQL programming. I'm excited to apply my knowledge and skills to drive success in my future endeavors.

Joined: 29/08/2025
Member Since: 0 month

[in LinkedIn](#) [GitHub](#) [Portfolio](#)

Edit Profile Page

My Profile


Choose file No file chosen

Rajesh
faculty

Pending Approval
Profile Completed: 

Personal Info

grajesh2906@gmail.com
Rajesh
SoT
Software Engineering
2024
faculty
<https://www.linkedin.com/in/rajesh2906/>
<https://github.com/RAJESH2961>
<https://rajesh2906.netlify.app/>

I'm Rajesh Gandadhamam, a dedicated professional with a strong foundation in data analysis and interpretation, which I developed during my time at school. With expertise in statistical modeling and data visualization, I leverage my technical skills to drive business growth and informed decision-making. As a detail-oriented and analytical individual, I possess key skills such as data mining, machine learning, and SQL programming. I'm excited to apply my knowledge and skills to drive success in my future endeavors.

GENERATE BIO

Admin Login

Django administration

Email:

Password:

Admin Panel

Action:	EMAIL	USERNAME	ROLE	ACTIVE	IS APPROVED	PROFILE COMPLETED
<input type="checkbox"/>	162411510201@apolouniversity.edu.in	testing	Alumni	✓	✓	✗
<input type="checkbox"/>	balaji@fractal.com	bala7699	Alumni	✓	✓	✓
<input type="checkbox"/>	grajesh2906@gmail.com	Rajesh	Faculty	✓	✗	✓
<input type="checkbox"/>	grajesh2906diplome@gmail.com	jayashree	Alumni	✓	✓	✗
<input type="checkbox"/>	grajesh2907@gmail.com	BHARATHI	-	✓	✗	✗
<input type="checkbox"/>	grajesh2961@gmail.com	Santhosh	Alumni	✓	✓	✗
<input type="checkbox"/>	monika.g@accenture.com	monika	Alumni	✓	✓	✓
<input type="checkbox"/>	rajeshapalo2024@gmail.com	rajeshgandhamaram	Student	✓	✓	✗

8 users

Admin User page

Choose all Remove all
Specific permissions for this user. Hold down "Control", or "Command" on a Mac, to select more than one.

Personal Info

First name:

Last name:

Role:

School:

Specialization:

Batch year:

Bio:
I'm Rajesh Gandadham, a dedicated professional with a strong foundation in data analysis and interpretation, which I developed during my time at school. With expertise in statistical modeling and data visualization, I leverage my technical skills to drive business growth and informed decision-making. As a detail-oriented, analytical individual, I possess key skills such as data mining, machine learning, and SQL programming. I'm excited to apply my knowledge and skills to drive success in my future endeavors.

Profile image: Currently:
Change: No file chosen

Django administration

Home > Events > Events

Select event to change

Action:	Title	Creator	Event Type	Date	Max Seats	Seats Filled	Full?	Created At
<input type="checkbox"/>	Startup Networking Night	monika.g@accenture.com (alumni)	Alumni Reunion	Sept. 8, 2025, 10:58 a.m.	100	1	●	Sept. 8, 2025, 10:59 a.m.
<input type="checkbox"/>	Career Talk: UX Design	grajesh2906@gmail.com (faculty)	Networking Meetup	Sept. 8, 2025, 10:56 a.m.	100	0	○	Sept. 8, 2025, 10:56 a.m.
<input type="checkbox"/>	Startup Webinar	balaji@fractal.com (alumni)	Webinar	Nov. 11, 2025, 6 a.m.	1000	2	●	Sept. 4, 2025, 4:09 p.m.
<input type="checkbox"/>	Tech Innovations 2025	grajesh2906@gmail.com (faculty)	Seminar	Oct. 1, 2025, 6 a.m.	100	3	●	Sept. 4, 2025, 4:07 p.m.
<input type="checkbox"/>	Career Guidance Session	monika.g@accenture.com (alumni)	Career Talk	Aug. 30, 2025, 5:35 p.m.	200	1	●	Aug. 30, 2025, 5:35 p.m.

5 events

FILTER

- By event type: All, Seminar, Webinar, Alumni Reunion, Networking Meetup, Workshop, Career Talk, Other
- By date: Any date, Today, Past 7 days, This month, This year

Admin Events page

Home > Events > Events > Startup Networking Night by monika

Change event

Startup Networking Night by monika

Creator: monika.g@accenture.com (alumni)

Title: Startup Networking Night

Description: Meetup for alumni & students

Event type: Alumni Reunion

Date: Date: 2025-09-08 Today Time: 10:58:52 Now Note: You are 5.5 hours ahead of server time.

Location: Online

Media: Currently: event_media/5/TtsADAOjyjmB9H3axPGDcdqOLKmk73tbAHkdSr.png Change: No file chosen

Max seats: 100

HISTORY

Admin Post Pages

Start typing to filter...

Home > Posts > Posts

Select post to change

Action:	Title	Author	Post Type	Created At	Is Pinned	Is Approved	Application Deadline
<input type="checkbox"/>	Demo	grajesh2906@gmail.com (faculty)	General Announcement	Sept. 8, 2025, 11:34 a.m.	●	●	-
<input type="checkbox"/>	cscscv	grajesh2906@gmail.com (faculty)	General Announcement	Sept. 8, 2025, 5:51 a.m.	●	●	-
<input type="checkbox"/>	Hackaton Opportunities	grajesh2906@gmail.com (faculty)	General Announcement	Sept. 4, 2025, 4:35 p.m.	●	●	-
<input type="checkbox"/>	Internship at TechCorp	monika.g@accenture.com (alumni)	Internship Opportunity	Aug. 30, 2025, 5:21 p.m.	●	●	Sept. 12, 2025
<input type="checkbox"/>	debdfg	grajesh2906@gmail.com (faculty)	General Announcement	Aug. 30, 2025, 2:38 p.m.	●	●	Aug. 30, 2025

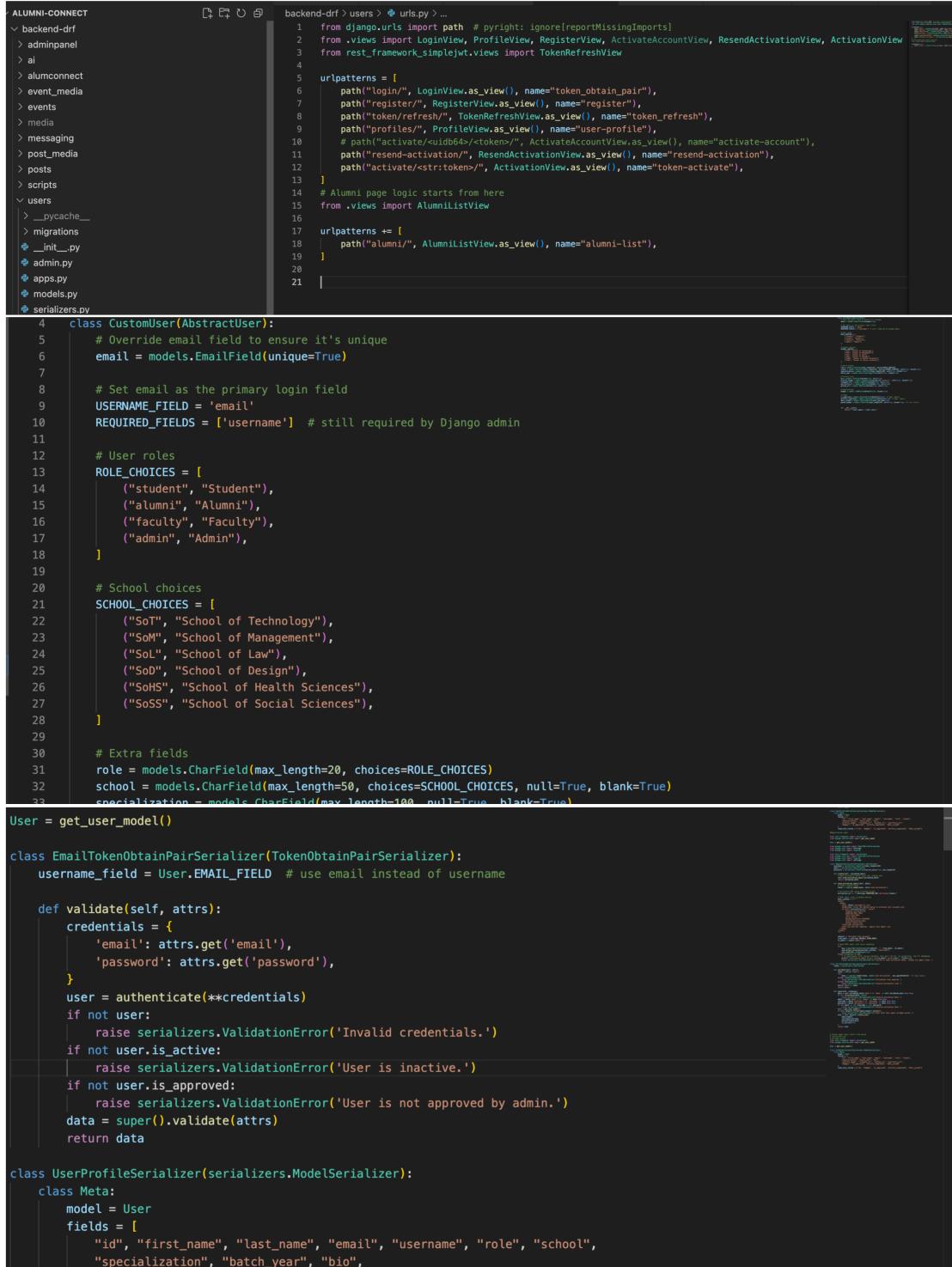
5 posts

FILTER

- By post type: All, Internship Opportunity, Job Opening, Event, Seminar / Webinar, General Announcement, Achievement, Discussion, Resource Sharing
- By is pinned: All, Yes, No
- By is approved: All, Yes, No
- By created at: Any date, Today, Past 7 days, This month

Coding Snippets

The screenshot captures a developer's workspace with a dark-themed interface. At the top, a navigation bar lists several files and components: EXPLORER, ALUMNI-CONNECT, backend-drf, env, gitignore, settings.py, Views.py, # Events.css, and Events.jsx. The left side features a file tree for 'ALUMNI-CONNECT' and 'frontend'. The central area contains two large code editors. The top editor is for 'backend-drf' (Python), showing a file named 'settings.py' with various configuration parameters like CORS settings and email backends. The bottom editor is for 'frontend' (React), showing 'Alumni.jsx' and 'Login.jsx' files. The 'Alumni.jsx' file handles user navigation and performs an asynchronous fetch to get alumni data. The 'Login.jsx' file handles user login logic using axios. A terminal window at the bottom shows command-line logs, indicating successful runs of 'manage.py runserver' and various browser requests to the application.



```

ALUMNI-CONNECT
backend-drf > users > urls.py > ...
backend-drf > users > __init__.py
backend-drf > users > admin.py
backend-drf > users > models.py
backend-drf > users > serializers.py
backend-drf > users > views.py
backend-drf > __pycache__
backend-drf > migrations
backend-drf > static
backend-drf > templates
backend-drf > .gitignore
backend-drf > README.md
backend-drf > requirements.txt
backend-drf > setup.py
backend-drf > tests.py
backend-drf > wsgi.py

backend-drf > users > urls.py > ...
1   from django.urls import path # pyright: ignore[reportMissingImports]
2   from .views import LoginView, ProfileView, RegisterView, ActivateAccountView, ResendActivationView, ActivationView
3   from rest_framework_simplejwt.views import TokenRefreshView
4
5   urlpatterns = [
6       path("login/", LoginView.as_view(), name="token_obtain_pair"),
7       path("register/", RegisterView.as_view(), name="register"),
8       path("token/refresh/", TokenRefreshView.as_view(), name="token_refresh"),
9       path("profiles/", ProfileView.as_view(), name="user-profile"),
10      # path("activate/<uidb64>/<tokens>/", ActivateAccountView.as_view(), name="activate-account"),
11      path("resend-activation/<tokens>/", ResendActivationView.as_view(), name="resend-activation"),
12      path("activate/<str:tokens>/", ActivationView.as_view(), name="token-activate"),
13  ]
14  # Alumni page logic starts from here
15  from .views import AlumniListView
16
17  urlpatterns += [
18      path("alumni/", AlumniListView.as_view(), name="alumni-list"),
19  ]
20
21

class CustomUser(AbstractUser):
4   class CustomUser(AbstractUser):
5       # Override email field to ensure it's unique
6       email = models.EmailField(unique=True)
7
8       # Set email as the primary login field
9       USERNAME_FIELD = 'email'
10      REQUIRED_FIELDS = ['username'] # still required by Django admin
11
12      # User roles
13      ROLE_CHOICES = [
14          ("student", "Student"),
15          ("alumni", "Alumni"),
16          ("faculty", "Faculty"),
17          ("admin", "Admin"),
18      ]
19
20      # School choices
21      SCHOOL_CHOICES = [
22          ("SoT", "School of Technology"),
23          ("SoM", "School of Management"),
24          ("SoL", "School of Law"),
25          ("SoD", "School of Design"),
26          ("SoHS", "School of Health Sciences"),
27          ("SoSS", "School of Social Sciences"),
28      ]
29
30      # Extra fields
31      role = models.CharField(max_length=20, choices=ROLE_CHOICES)
32      school = models.CharField(max_length=50, choices=SCHOOL_CHOICES, null=True, blank=True)
33      specialization = models.CharField(max_length=100, null=True, blank=True)

User = get_user_model()

class EmailTokenObtainPairSerializer(TokenObtainPairSerializer):
    username_field = User.EMAIL_FIELD # use email instead of username

    def validate(self, attrs):
        credentials = {
            'email': attrs.get('email'),
            'password': attrs.get('password'),
        }
        user = authenticate(**credentials)
        if not user:
            raise serializers.ValidationError('Invalid credentials.')
        if not user.is_active:
            raise serializers.ValidationError('User is inactive.')
        if not user.is_approved:
            raise serializers.ValidationError('User is not approved by admin.')
        data = super().validate(attrs)
        return data

class UserProfileSerializer(serializers.ModelSerializer):
    class Meta:
        model = User
        fields = [
            "id", "first_name", "last_name", "email", "username", "role", "school",
            "specialization", "batch_year", "bio",
        ]

```

```
from django.contrib import admin
from django.contrib.auth.admin import UserAdmin
from .models import CustomUser

@admin.register(CustomUser)
class CustomUserAdmin(UserAdmin):
    model = CustomUser

    list_display = ('email', 'username', 'role', 'is_active', 'is_approved', 'profile_completed',)
    list_filter = ('is_active', 'is_approved', 'role')

    fieldsets = (
        (None, {'fields': ('email', 'username', 'password')}),
        ('Permissions', {'fields': ('is_active', 'is_staff', 'is_superuser', 'groups', 'user_permissions')}),
        ('Personal Info', {'fields': ('first_name', 'last_name', 'role', 'school', 'specialization', 'batch_year',}),
        ('Approval Info', {'fields': ('is_approved', 'profile_completed')}),
    )
```