

**Submitted by,**

**Nibin Joseph**

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## **Django Blog Project**

A modern, feature-rich blog platform built with Django that supports user authentication, post management, comments, and likes.

### **Features**

#### **User Management**

- User registration and authentication
- Email-based login system
- User profiles
- Admin dashboard for site management
- Forgot password
- Verify otp
- Change password

#### **Blog Posts**

- Create, edit, and delete blog posts (Admin only)
- Categorize posts
- View post details with related posts
- Track post views
- Search functionality

#### **Comments and Interactions**

- Comment on blog posts (No admin approval required)

- Like/unlike posts
- Real-time comment updates using AJAX

### **Admin Features**

- Dashboard with statistics(custom admin)
- Post management
- User management
- Category management

### **Technical Stack**

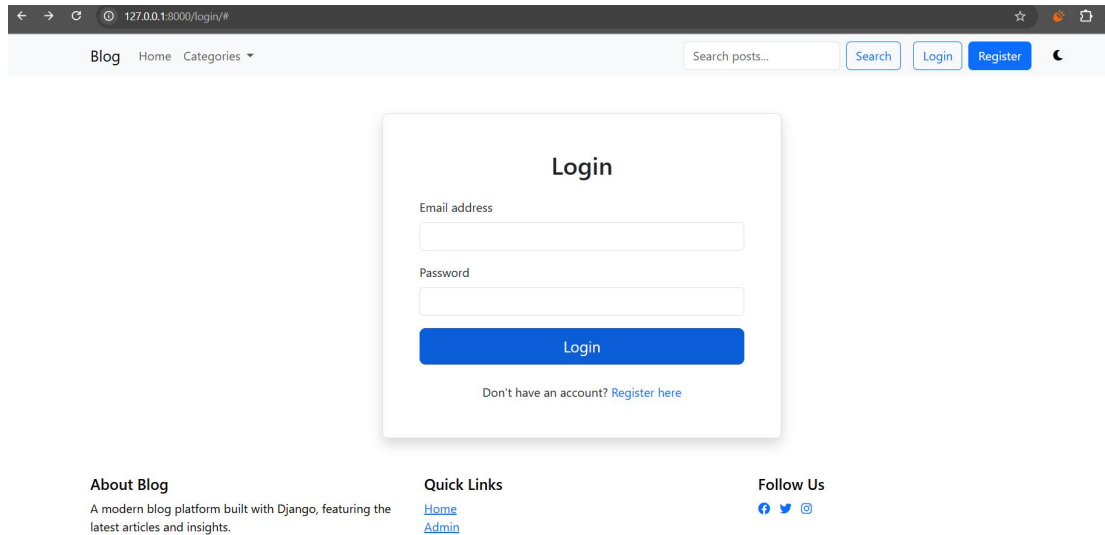
- **Backend:** Django 4.2
- **Frontend:** HTML5, CSS3, JavaScript
- **Database:** SQLite (default)
- **Authentication:** Django's built-in authentication system
- **AJAX:** For real-time interactions

Github Repo Link

<https://github.com/nibin-joseph05/Blog>

## ScreenShots

### login



A screenshot of a web browser showing a login page. The browser's address bar displays '127.0.0.1:8000/login/#'. The page header includes a navigation menu with 'Blog', 'Home', and 'Categories', a search bar with the placeholder 'Search posts...', and buttons for 'Search', 'Login', and 'Register'. The main content area features a white box with the title 'Login'. Inside this box are two input fields labeled 'Email address' and 'Password', followed by a blue 'Login' button. Below the button is a link that says 'Don't have an account? Register here'. At the bottom of the page, there are three sections: 'About Blog' with a description of the platform, 'Quick Links' with links to 'Home' and 'Admin', and 'Follow Us' with social media icons for Facebook, Twitter, and Instagram.

Blog Home Categories Search posts... Search Login Register

### Login

Email address

Password

Login

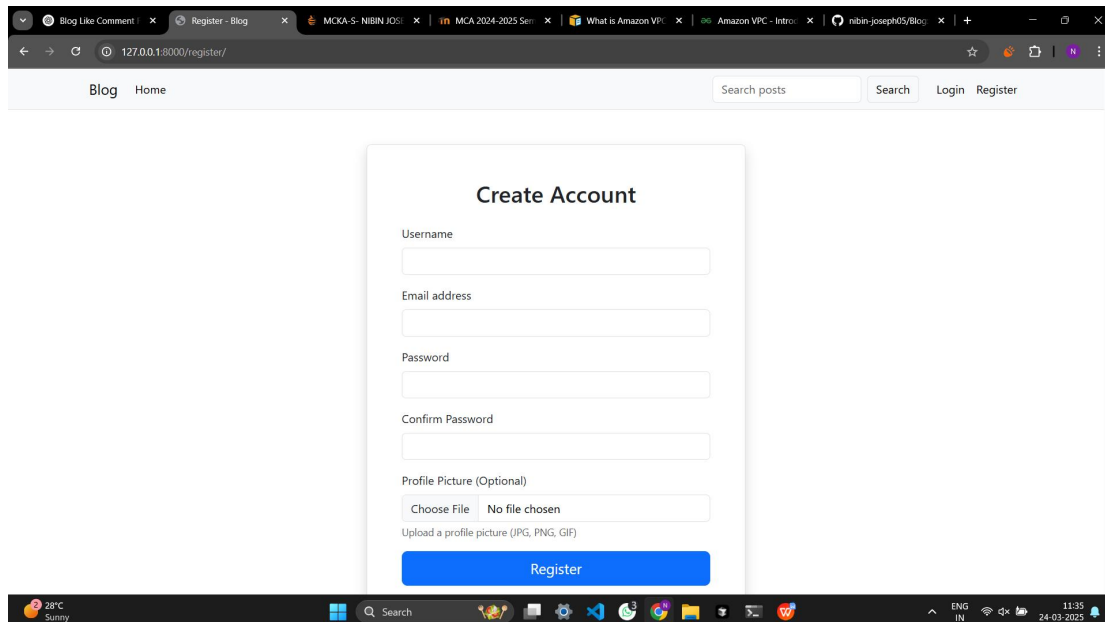
Don't have an account? [Register here](#)

**About Blog**  
A modern blog platform built with Django, featuring the latest articles and insights.

**Quick Links**  
[Home](#)  
[Admin](#)

**Follow Us**  
f t i

### Register



A screenshot of a web browser showing a registration page. The browser's address bar displays '127.0.0.1:8000/register/'. The page header is similar to the login page, with a navigation menu, search bar, and 'Login' and 'Register' buttons. The main content area features a white box with the title 'Create Account'. Inside this box are input fields for 'Username', 'Email address', 'Password', and 'Confirm Password'. Below these is a section for 'Profile Picture (Optional)' with a 'Choose File' button and a 'No file chosen' button. At the bottom of the box is a blue 'Register' button. The browser's taskbar at the bottom shows various open applications and the system clock indicating 11:35 on 24-03-2025.

Blog Home Search posts... Search Login Register

### Create Account

Username

Email address

Password

Confirm Password

Profile Picture (Optional)

Choose File No file chosen

Upload a profile picture (JPG, PNG, GIF)

Register

# Home

[Blog](#) [Home](#)

[Search](#) [Login](#) [Register](#)

## Welcome to Our Blog

Discover interesting articles and stay updated with the latest content.

### Featured Posts

#### Remote Work Revolution: The New Normal

 admin  Mar 18, 2025

Exploring how remote work is reshaping the future of employment and professional life. Key Aspects: - Digital collaboration tools - Work-life balance strategies - Productivity techniques - Team building in ...

[Read More](#)

#### The Art of Digital Minimalism

 admin  Mar 18, 2025

In an increasingly connected world, digital minimalism offers a path to better focus and reduced stress. Core Principles: - Intentional technology use - Digital decluttering - Creating healthy boundaries - ...

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#### Urban Gardening: Growing Food in Small Spaces

 admin  Mar 18, 2025

Transform your limited urban space into a thriving garden. This guide shows you how to start and maintain an urban garden. Essential Elements: - Choosing the right plants - Maximizing ...

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### Latest Posts

# Blog detail

[Blog](#) [Home](#)

[Search](#) [Login](#) [Register](#)

## Remote Work Revolution: The New Normal

Posted on March 18, 2025 by admin

[Technology](#)  11

Exploring how remote work is reshaping the future of employment and professional life. Key Aspects: - Digital collaboration tools - Work-life balance strategies - Productivity techniques - Team building in virtual environments Best Practices: 1. Creating a dedicated workspace 2. Maintaining regular schedules 3. Effective communication strategies 4. Managing remote teams Remote work isn't just a temporary solution; it's becoming a permanent part of our professional landscape.

### Comments

Please [login](#) to leave a comment.

**Comments**

**nibin**  
hihi  
15 hours, 28 minutes ago

**nibin**  
hello by nibin

#### Related Posts

[Sustainable Tech: Green Innovation for the Future](#)  
March 18, 2025

[The Future of Artificial Intelligence: Beyond the Hype](#)  
March 18, 2025

#### Categories

[Finance](#) [Health](#)

[Travel](#) [Personal Development](#)

[Technology](#)

# User page

BlogHomeProfile

Search posts

Search

Notifications0

Logout

Welcome to Our Blog

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Featured Posts

Remote Work Revolution: The New Normal

admin

Mar 18, 2025

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Mar 18, 2025

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admin

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Read More

Latest Posts

Remote Work Revolution: The New

The Art of Digital Minimalism

Urban Gardening: Growing Food in Small

# User profile


BlogHomeProfile

Search posts

Search

Notifications0

Logout



nibin

@nibin

nibinjoseph2019@gmail.com

Edit Profile

My Posts

You haven't written any posts yet.

My Comments

On: The Art of Digital Minimalism

Mar 24, 2025

hihi

View Post

On: Remote Work Revolution: The New Normal

Mar 23, 2025

hihi

View Post

On: Remote Work Revolution: The New Normal

Mar 23, 2025

hello by nibin

View Post

On: Mindful Eating: A Path to Better Health

Mar 18, 2025

hhhh

View Post

# Edit profile

BlogHomeProfile

Search posts

Search

Notifications0

Logout

Edit Profile

Username

nibin

Email

nibinjoseph2019@gmail.com


First Name

Last Name

Profile Picture

Choose File

No file chosen



# Admin dashboard

BlogHomeProfileAdmin Dashboard

Search posts

Search

Notifications0

Logout

Login successful!

Admin Dashboard

Total Posts

9

Total Comments

4

Total Users

2

Recent Posts

New Post

Title	Author	Date	Actions
Remote Work Revolution: The New Normal	admin	Mar 18, 2025	<div>Edit</div> <div>Delete</div>
The Art of Digital Minimalism	admin	Mar 18, 2025	<div>Edit</div> <div>Delete</div>
Urban Gardening: Growing Food in Small Spaces	admin	Mar 18, 2025	<div>Edit</div> <div>Delete</div>

Recent Comments

nibin

hihi

On: The Art of Digital Minimalism

3 hours, 14 minutes ago

nibin

hihi

On: Remote Work Revolution: The New Normal

15 hours, 35 minutes ago

nibin

hello by nibin

On: Remote Work Revolution: The New Normal

17 hours, 6 minutes ago

nibin

5 days, 21 hours ago

# Notification

[Blog](#) [Home](#) [Profile](#) [Admin Dashboard](#)

[Notifications](#) 5 [Logout](#)

## Notifications

[Mark all as read](#)

nibin commented on your post 'The Art of Digital Minimalism'

From: nibin

[View Comment](#)

3 hours, 15 minutes ago

### About Blog

A modern blog platform built with Django, featuring the latest articles and insights.

### Quick Links

[Home](#)  
[Admin](#)

### Follow Us

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# Dark mode

[Blog](#) [Home](#) [Profile](#) [Admin Dashboard](#)

[Notifications](#) 5 [Logout](#)

## Notifications

[Mark all as read](#)

nibin commented on your post 'The Art of Digital Minimalism'

From: nibin

[View Comment](#)

3 hours, 17 minutes ago

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# Edit post

[Blog](#)[Home](#)[Profile](#)[Admin Dashboard](#)

Search posts

Search

Notifications5

Logout

Edit Post

Title

Remote Work Revolution: The New Normal

Category

Technology

Content

Remote work isn't just a temporary solution; it's becoming a permanent part of our professional landscape.

Best Practices:

1. Creating a dedicated workspace

2. Maintaining regular schedules

3. Effective communication strategies

4. Managing remote teams

- Team building in virtual environments

Cancel

Update Post

# Forgot password

[Blog](#)[Home](#)

Search posts

Search

Login

Register

Forgot Password

Email Address

Send OTP

Back to Login

About Blog

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# Verify otp

BlogHome

Search postsSearchLoginRegister

OTP has been sent to your email.

Verify OTP

Please enter the OTP sent to your email address.

Enter OTP

Verify OTPResend OTP

About Blog

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# Change password

BlogHome

Search postsSearchLoginRegister

Reset Password

New Password

Confirm Password

Reset PasswordBack to Login

About Blog

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- **Challenges & Learnings: Summarize key challenges faced and how you solved them.**

- · **Handling User Interactions (Likes & Comments Without Admin Approval)**

**Challenge:** Initially, the blog required admin approval for comments, which was not user-friendly.

**Solution:** Modified the comment model to automatically approve comments upon submission, allowing seamless interaction.

- **Efficiently Managing Likes & Comments**

**Challenge:** Implementing a dynamic like/unlike system and real-time comment updates.

**Solution:** Used AJAX for asynchronous requests, enabling instant updates without reloading the page.

- **Ensuring Secure and Scalable Authentication**

**Challenge:** Handling user authentication securely while keeping the system scalable

**Solution:** Utilized Django's built-in authentication and session management, ensuring data security and easy scalability