

# Project Name

## Blog Website Using Django & React

### Team Members:

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# What is Our Project?

- A dynamic blog website
- Users can read and write blog posts
- Authors need admin validation
- Categories, tags, and comments supported
- Built using React (Frontend) and Django (Backend)

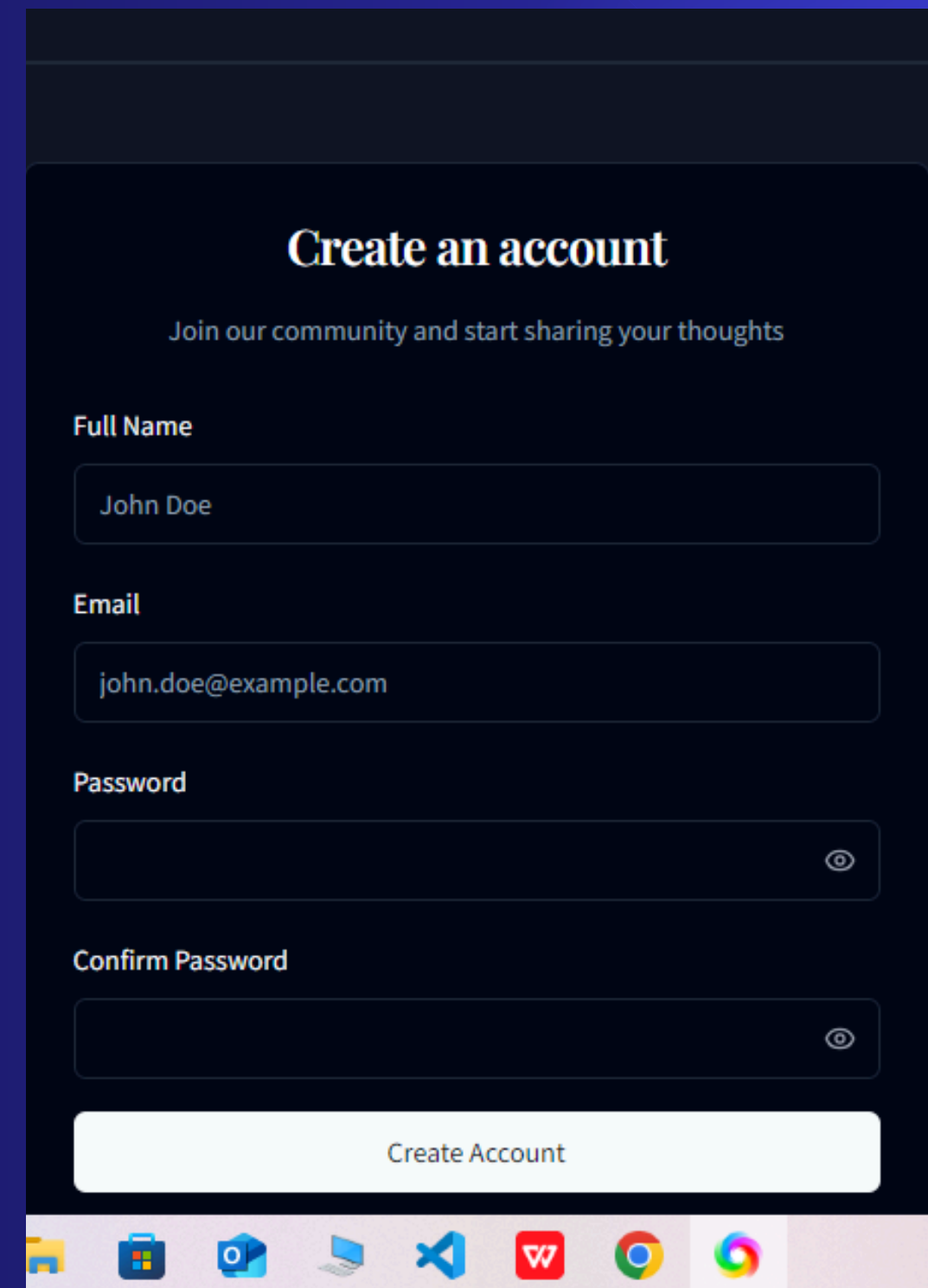
# PROJECT OBJECTIVES

- Build a clean, modern blog system
- Secure authentication for different user types
- Allow authors to publish blogs in different categories
- Enable comments and tagging
- Give admins control over validation and management

# LETS JUMP INTO CORE FEATURES

- **USER AUTHENTICATION**

**REGISTER (SIGN UP)**



**Create an account**

Join our community and start sharing your thoughts

Full Name

John Doe

Email

john.doe@example.com

Password

Confirm Password

Create Account

# LETS JUMP INTO CORE FEATURES

- **USER AUTHENTICATION**

**LOG IN (SIGN IN)**

HOME BLOGS AUTHORS ABOUT CONTACT

## Sign In

Enter your email and password to access your account

Email

mim@gmail.com

Password [Forgot password?](#)

☒ Remember me

Sign In

Don't have an account? [Sign up](#)

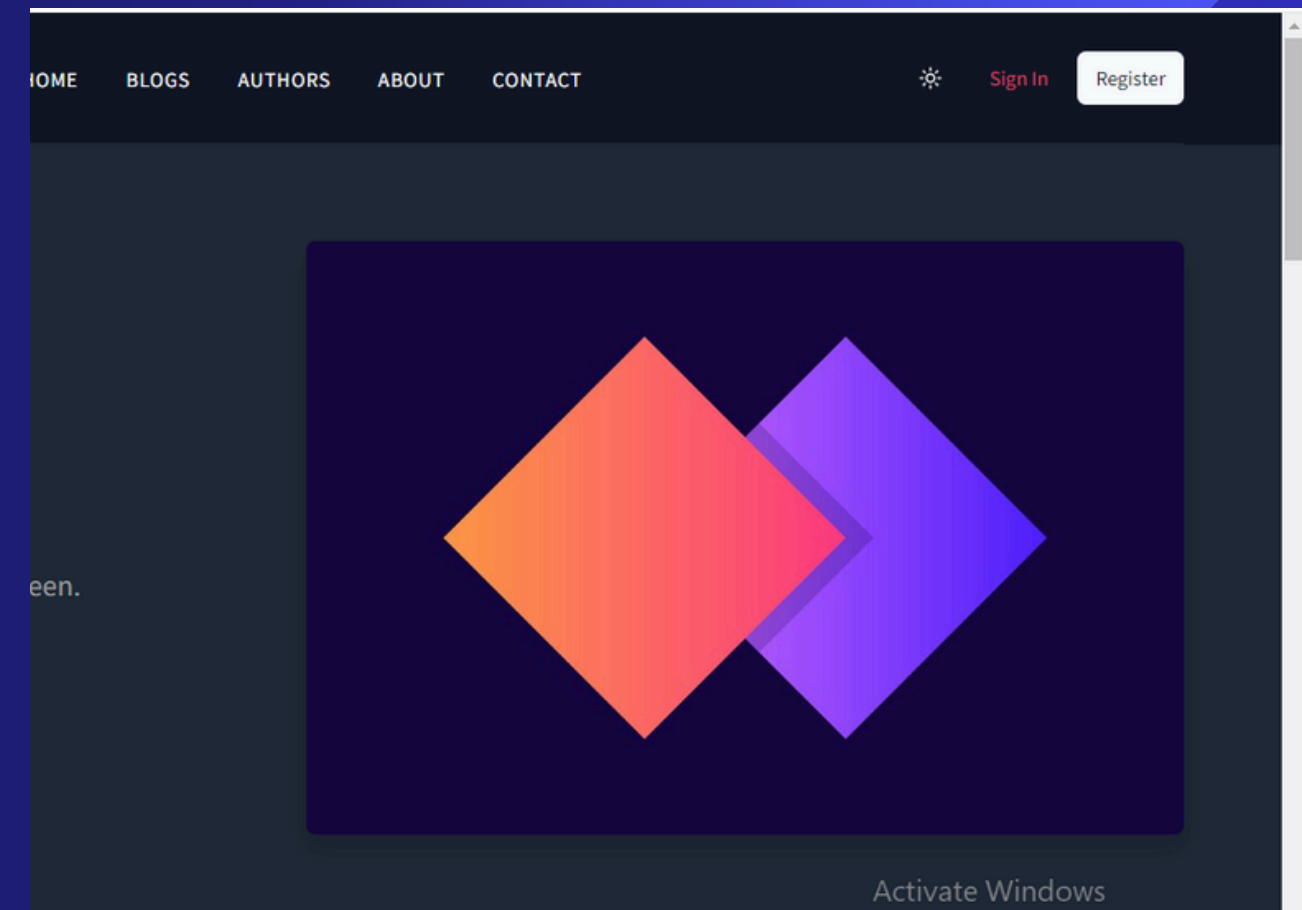
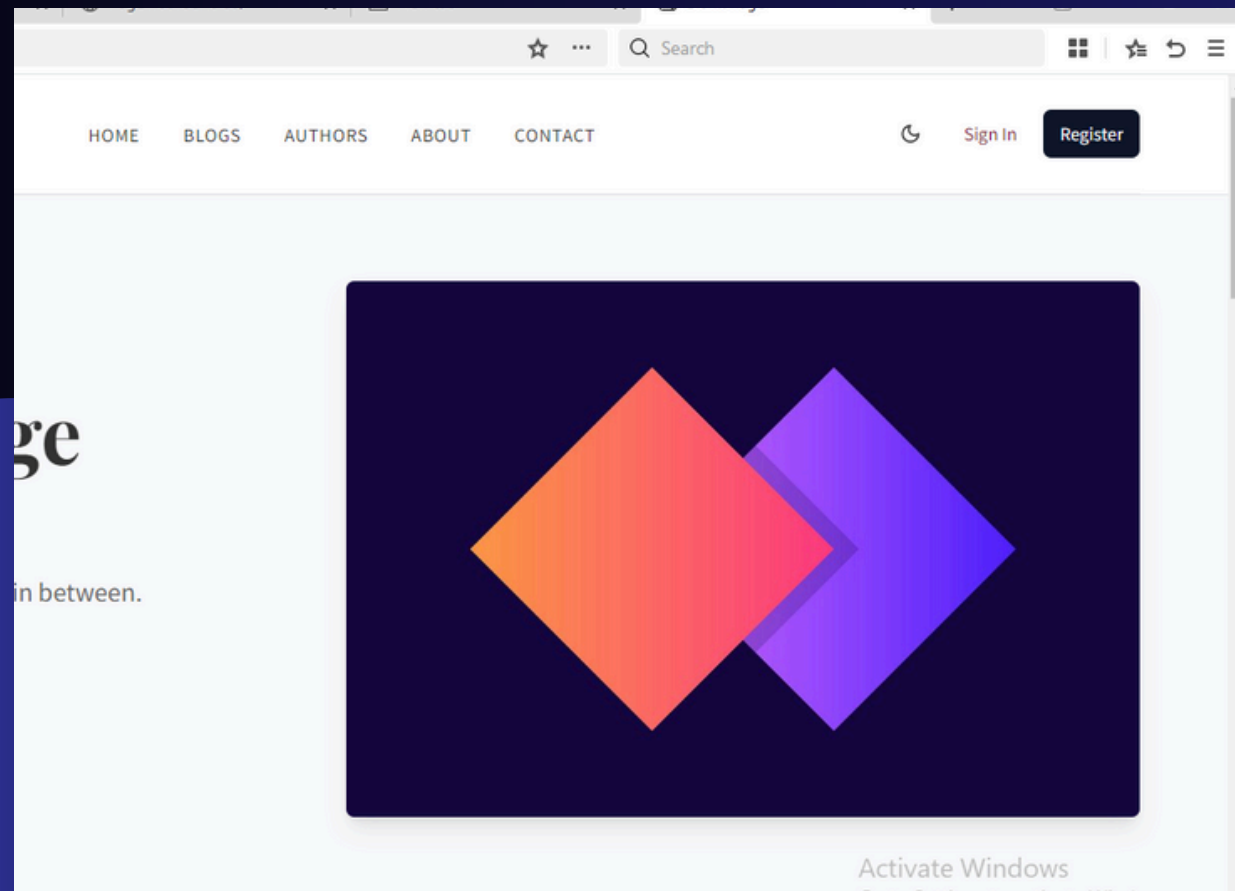
[Admin login](#)

# LETS JUMP INTO CORE FEATURES

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## DARK MODE SUPPORT

- ADD TOGGLE BETWEEN DARK AND LIGHT THEMES

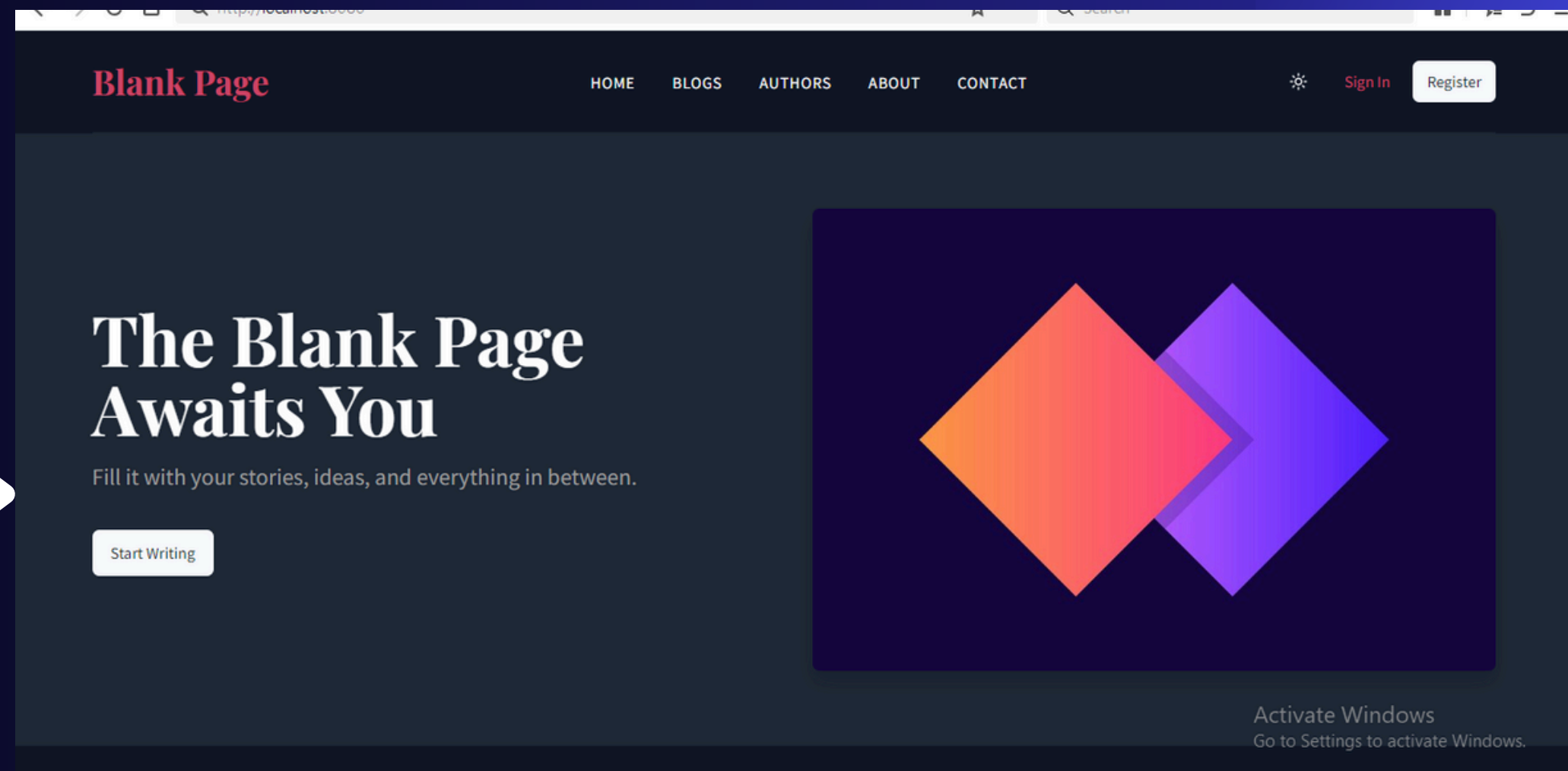


# LETS JUMP INTO CORE FEATURES

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## USER ROLES

**AUTHOR: CAN WRITE, EDIT, AND PUBLISH OWN  
BLOGS**



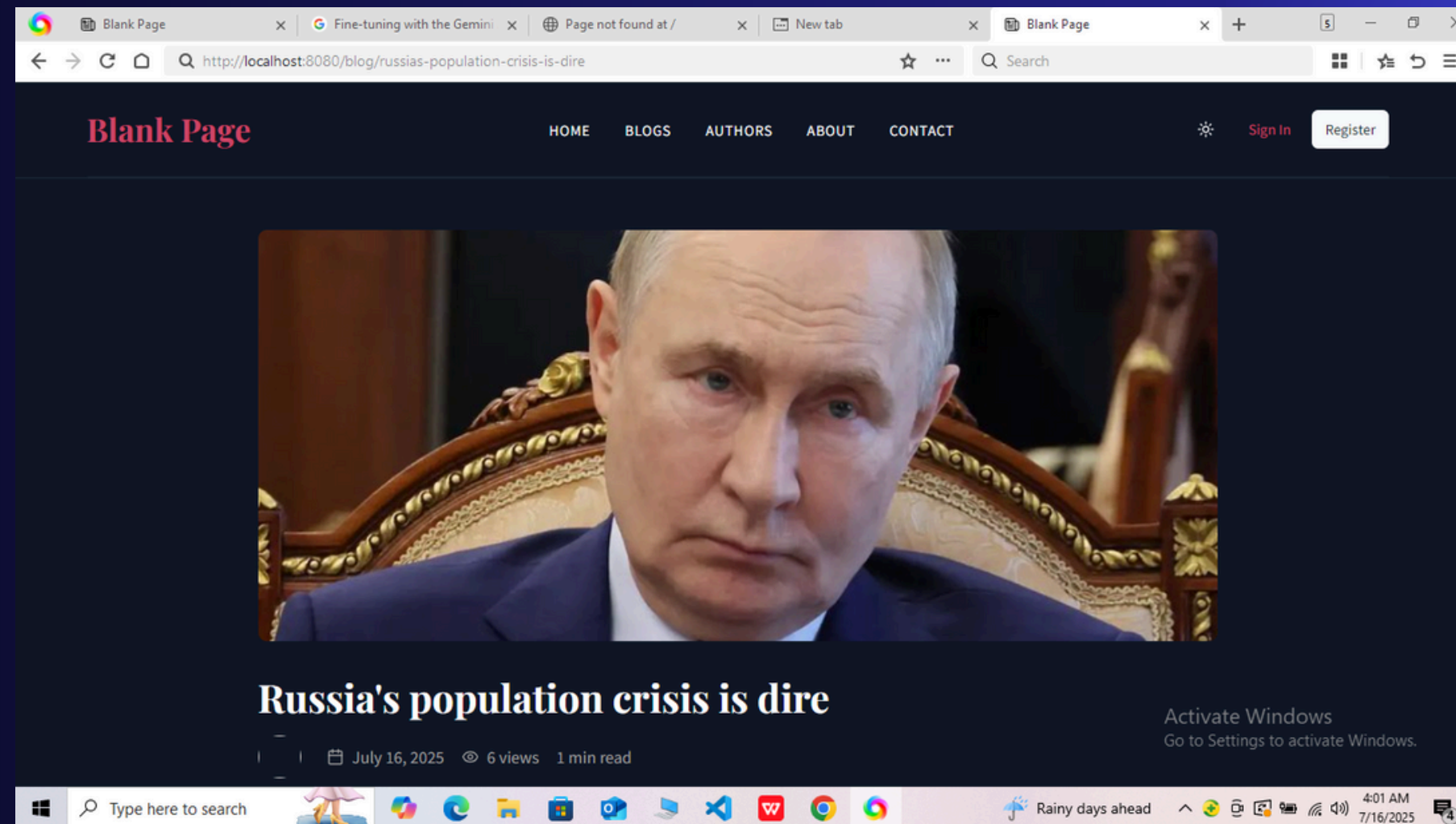


# LETS JUMP INTO CORE FEATURES

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## USER ROLES

**READER: CAN ONLY READ AND COMMENT ON BLOGS (IF COMMENTS ENABLED)**





# LETS JUMP INTO CORE FEATURES

## CATEGORIZATION

- ASSIGN BLOG POSTS TO ONE OR MORE CATEGORIES
- FILTER BLOGS BY CATEGORY

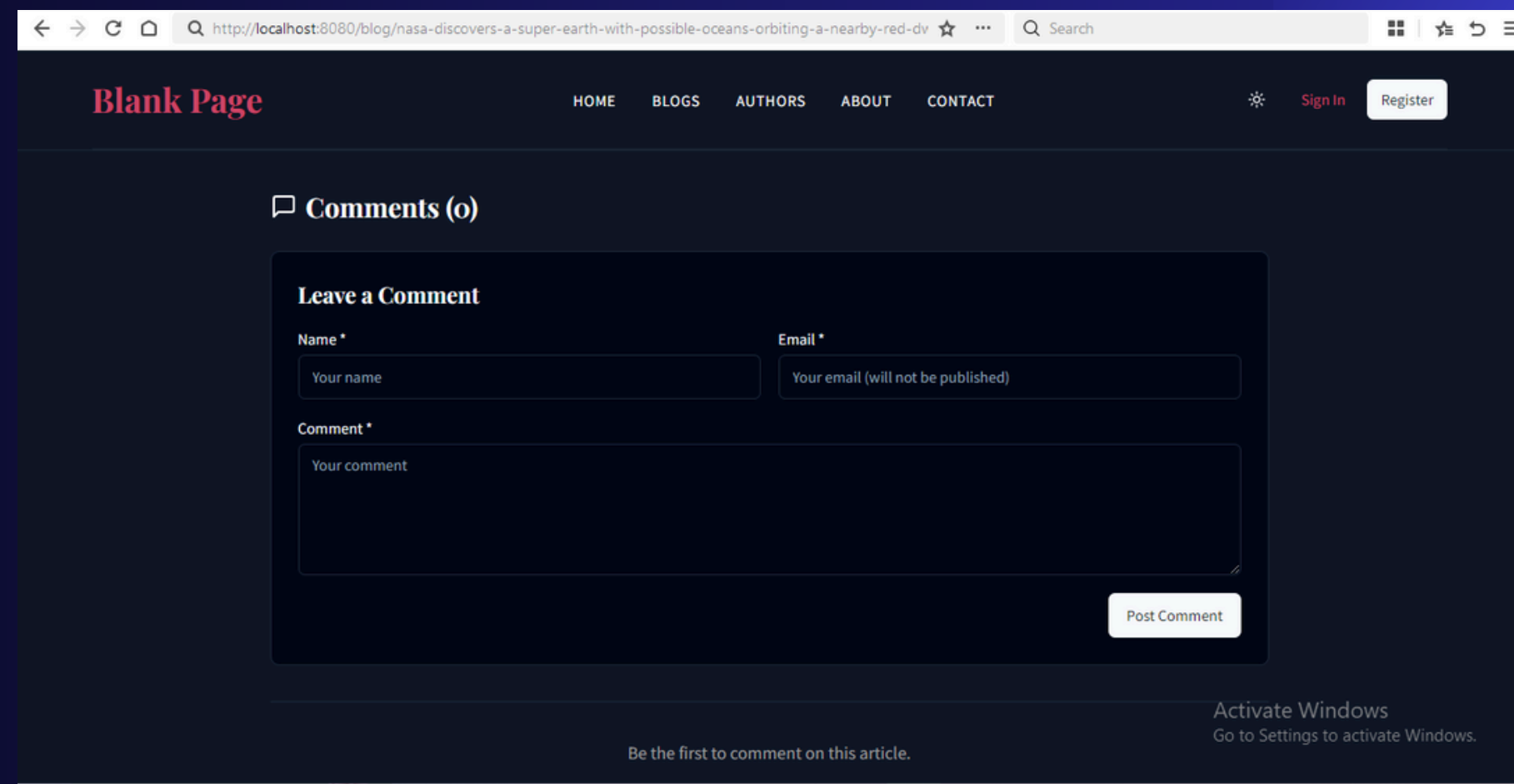


# LETS JUMP INTO CORE FEATURES

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## COMMENTS SECTION

- ALLOW READERS TO COMMENT ON BLOGS
- ADMIN OR AUTHOR CAN APPROVE/DELETE COMMENTS



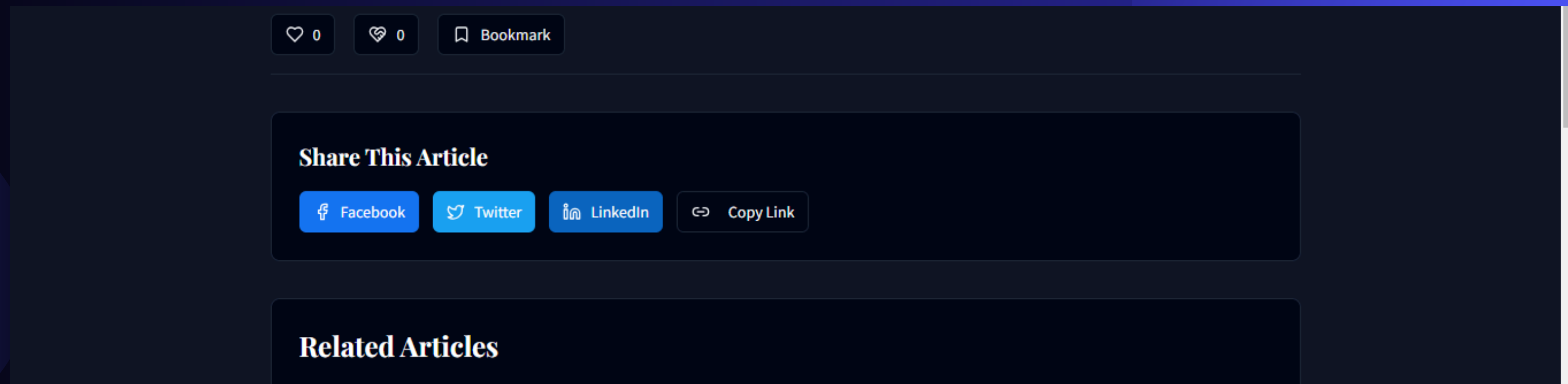
# LETS JUMP INTO CORE FEATURES

## RESPONSIVE DESIGN

FULLY FUNCTIONAL ON MOBILE, TABLET, AND DESKTOP

## SOCIAL SHARING

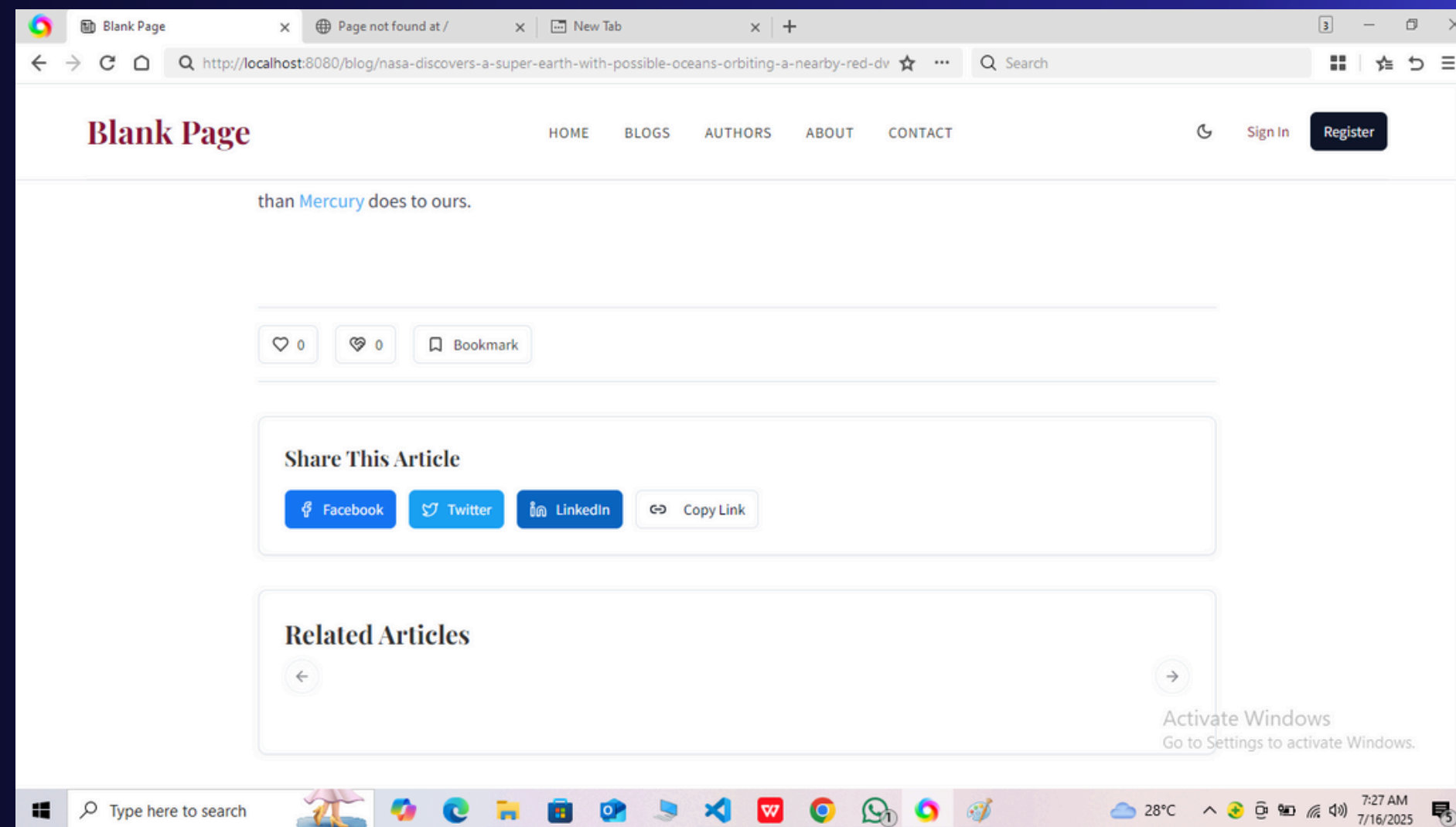
SHARE BLOGS ON FACEBOOK, TWITTER, LINKEDIN ETC.



# LETS JUMP INTO CORE FEATURES

## BLOG ANALYTICS/BOOKMARK

TRACK NUMBER OF VIEWS, LIKES, AND USERS CAN LIKE OR BOOKMARK POSTS TO READ LATER



# LETS JUMP INTO CORE FEATURES

## FRONTEND FUNCTIONALITY

- USER CAN CONTACT THROUGH THIS PAGE

### Contact Us

Have a question, comment, or tip? We'd love to hear from you. Fill out the form below or reach out directly using our contact information.


**Your Name**


**Email Address**


**Subject**

**Message**

### Contact Information

**Email Us**  
info@blankpage.com

**Call Us**  
+880 1533 628-674

**Visit Us**  
Mitali #2, Subidbazar  
Sylhet, 3100  
Bangladesh

# LETS JUMP INTO CORE FEATURES

## FRONTEND FUNCTIONALITY

- CLEAN HOMEPAGE WITH LIST OF RECENT BLOGS
- INDIVIDUAL BLOG DETAIL PAGE
- AUTHOR PROFILE PAGES
- CATEGORY-WISE AND TAG-WISE BLOG LISTINGS
- CONTACT PAGE / ABOUT PAGE



# LETS JUMP INTO CORE FEATURES

## BACKEND/ADMIN FUNCTIONALITY

- DASHBOARD FOR ADMIN AND AUTHOR
- CRUD FOR CATEGORIES AND TAGS
- MANAGE COMMENTS (APPROVE/DELETE/SPAM)
- CONTENT APPROVAL SYSTEM (IF NEEDED)

# FUTURE IMPROVEMENTS FOR THIS BLOG WEBSITE

## 2.USER EXPERIENCE & UI IMPROVEMENTS

- NOTIFICATION SYSTEM

IN-SITE OR BROWSER NOTIFICATIONS FOR NEW BLOGS, LIKES, COMMENTS, REPLIES

- INTERACTIVE COMMENTS

SHOW TOP COMMENTS

# User Flow

- USER REGISTERS → WAITS FOR ADMIN APPROVAL (IF AUTHOR)
- AUTHOR LOGS IN → CREATES A BLOG → ASSIGNS CATEGORY & TAGS
- NORMAL USER LOGS IN → READS BLOGS → ADDS COMMENTS
- ADMIN LOGS IN → MANAGES USERS/BLOGS/COMMENTS

# Challenges Faced

- **MANAGING ROLE-BASED PERMISSIONS**
- **API INTEGRATION BETWEEN REACT AND DJANGO**

# Conclusion & Future Scope

- FULL-STACK DEVELOPMENT WITH API COMMUNICATION
- IMPORTANCE OF CLEAN UX FOR ROLE-BASED ACCESS
- FUTURE PLANS:
  - - ADD IMAGE UPLOAD
  - - PAGINATION AND SEARCH FILTERS

# FUTURE IMPROVEMENTS FOR THIS BLOG WEBSITE

## TECHNICAL ENHANCEMENTS

- PROGRESSIVE WEB APP (PWA)

INSTALLABLE BLOG SITE WITH OFFLINE READING CAPABILITY

- MULTILINGUAL SUPPORT

TRANSLATE CONTENT INTO MULTIPLE LANGUAGES

USER CAN CHOOSE PREFERRED LANGUAGE

# Thank You