

# Project Profile: BLOGING APPLICATION

---

**BLOGING APPLICATION** is a web-based blogging platform that enables users to create, publish, and manage blog content. The platform supports multiple roles (User, Admin), rich-text post creation, media uploads, categories and tags, comments and moderation, search and discovery, and basic analytics. It includes secure authentication and session management, and role-based access control.

## Project Architecture

- **Presentation Layer:** React.js, tailwindcss (User Interfaces)
  - **Business Logic Layer:** Node.js with Express.js handles the application logic, API routing, authentication, validation, and integration with external services.
  - **Data Access Layer:** Mongoose (ODM) for schema-based interaction with MongoDB.
  - **Server:** Node.js with Express.js serving REST APIs and optionally using Vercel or Netlify for deployment.
- 

## Modules / Features

### User Module:

- User Registration and Login
- Browse Blog Posts
- Create and Publish Post
- Liking post and Adding Comments
- Edit User Profile.

### Admin Module:

- Update User and User Blogs
- Delete User and User Blogs
- Create and Edit blog Categories
- Access Dashboard Analytics

### Database Design Tables:

- **users** (firstName, lastName, email, password, bio, occupation, photourl, role)
- **blogs** (title, subtitle, description, thumbnail, author, category, likes, comments, isPublished)
- **comments** (content, postId, userId, likes, numberOfLikes)

---

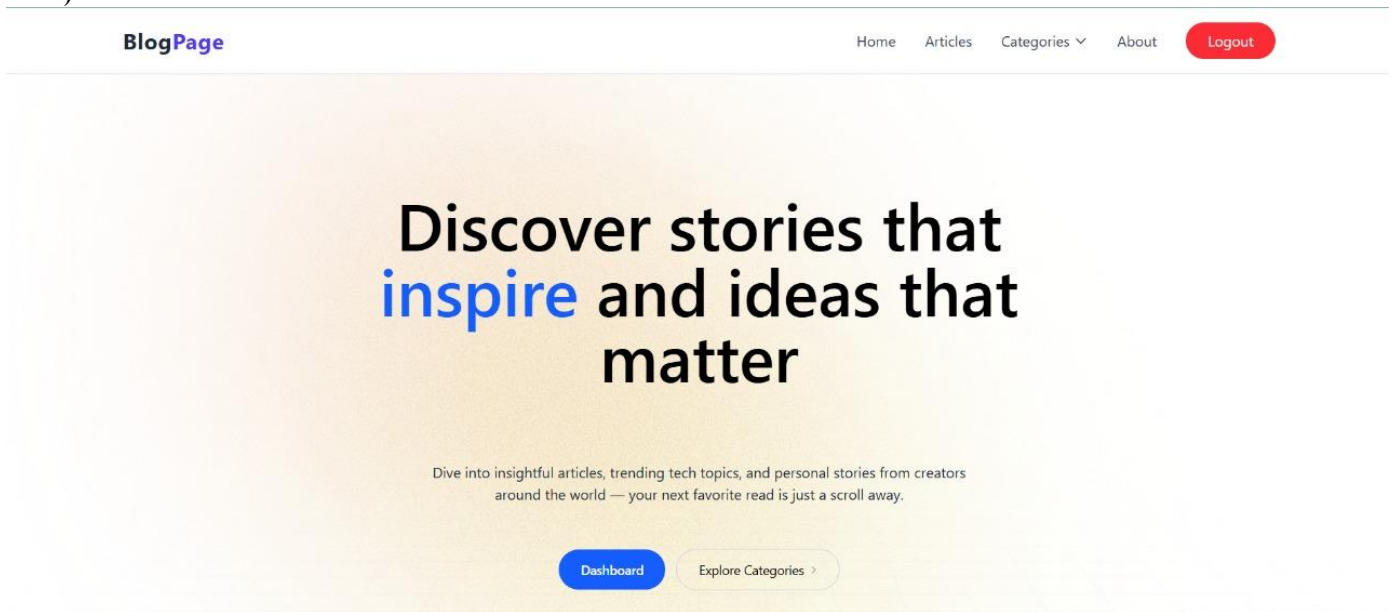
**Execution Steps:**

1. Clone or Download the Project
2. Make sure you are having node.js installed to run the project
3. Configure MongoDB Database:
  - Create the required collection and fields using provided mongoose models
  - Update database connection settings in the JavaScript code
4. Run express Server (npm start for backend)
5. Run your react application using npm run dev
6. Deploy the Application
7. Access via Browser

## Screenshots

User:

### 1) Home:



### 2) SignIn:

## Sign Up

Please sign up to continue

Already have an account? [Login](#)

### 3) Login:

## Login

Please login to continue

meghu@gmail.com

.....


Login

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

### 4) Recent Blogs:

## Latest Blog Articles

Q Search articles...




### Birthday Blog

I celebrated my birthday

By Meghana

10/28/2025

[Read more →](#)




### The Rise of AI Agents: How Autonomous Tech Is Changing the Future of Work

Artificial Intelligence is no longer just a buzzword — it's the foundation of the next wave of technological transformation. From chatbots to generative AI tools like ChatGPT and Copilot, we've already seen how AI can assist humans. But the next big leap is happening with **AI agents** —...

By ramith\_kulal

10/27/2025

[Read more →](#)



### Why Reading Blogs Can Transform Your Learning

In today's fast-paced digital world, information is everywhere. Yet, the way we consume knowledge can make a huge difference. One of the most effective and flexible ways to learn is by reading blogs. Unlike traditional textbooks or courses, blogs offer bite-sized, focused content that is often...

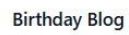
By ramith\_kulal

10/22/2025

[Read more →](#)

## 5) Blogs:

## My Blogs



Travel



I celebrated my birthday

Published: 10/28/2025

Author: Meghana

### 6)Create Blog:

**Create Blog**

Birthday

Meghana

Lifestyle

10/17/2025

Normal

I celebrated my birthday

Choose File

Gemini\_Generated\_Image\_hnmzwchnmzwchnmz.png

[Publish Blog](#)

7)Profile:

- Dashboard
- Create Blog
- Published Blogs
- Comments
- Edit Profile



**Meghana**  
meghu@gmail.com

Account Settings

Security

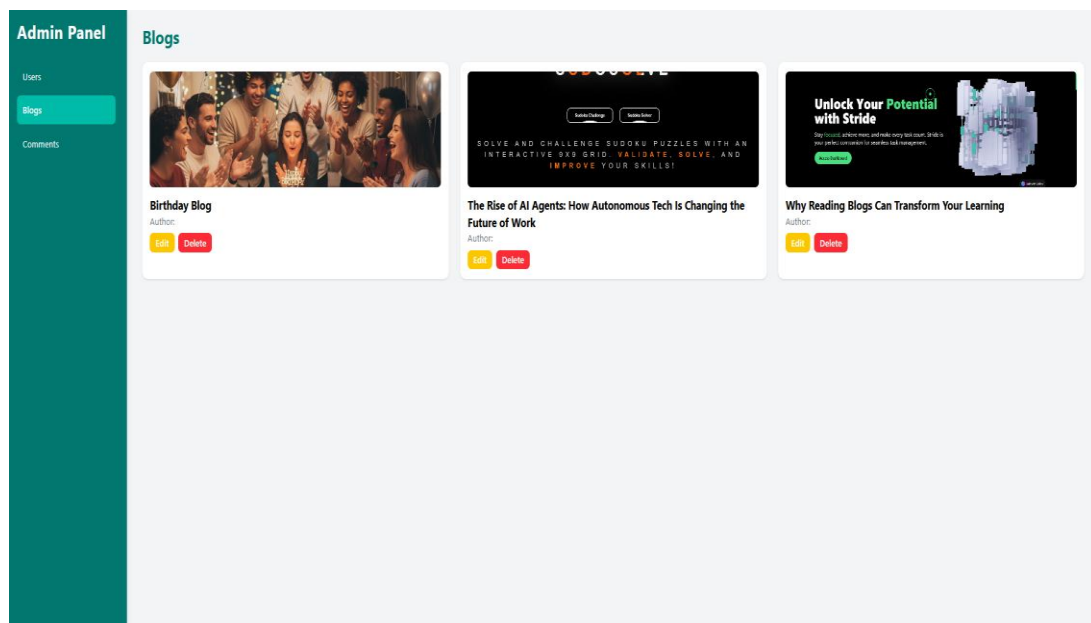
Privacy

Notifications

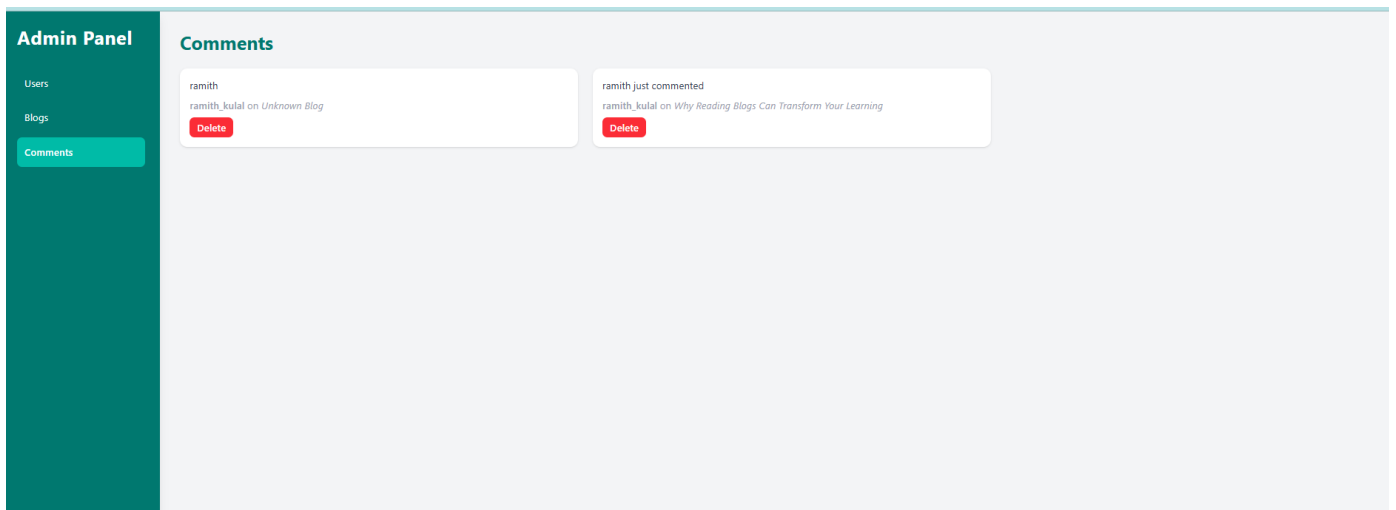
Language & Region

## Admin

### 1)Users Blog edit page:



### 2) User Comment edit page



### 3)Users access

