

# **Blogging Website**

*Project Report submitted in partial fulfilment of the requirements for the  
Degree of*

## **BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE AND ENGINEERING**

By

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Github Link: <https://github.com/Sumit3107/Blogging.git>

**Section: KM013**

Under the guidance of

**Ms. Neha Sharma**



**School of Computer Science and Engineering**

Lovely Professional University

Phagwara, Punjab (India)

November, 2020

## ACKNOWLEDGMENT

We would like to thanks our teacher **Ms. Neha Sharma** for giving us this opportunity to build a real-world project using web-development tools and technologies.

“Blogging Website” is the project that we have decided to build using powerful web-technologies and deploy it on a platform to make it available to everyone as a freeware.

This project is a complete mixture of Web-development technologies like HTML-5, CSS-3, JavaScript, Bootstrap, NodeJs, ExpressJs and MongoDB combined together in a best possible way to provide users an awesome experience with user-friendly interface, navigation and features throughout the application.

While developing and building this web-based application we came across various reliable features and built-in methods provided by both front-end and back-end web-technologies.

Place : LovelyProfessionalUniversity

Teacher: Ms. Neha Sharma

Date : 2<sup>nd</sup> November, 2020

## **Introduction**

A blogging website is a website in which the new content is regularly updated. Most blog contains text and images and post are known as blog posts.

The website that I designed is a blogging website where I post info about different places, things, technologies, etc.

In this website I'm the only one who can create or edit post. I can access the admin features by logging into the website with my username and password.

Viewers are the one who can view my posts, like my posts, and more importantly comment about post.

Last but not least there is a contact us page also where the viewers can contact me by writing a message for any improvement or appreciating me. Other than this this website has link of my facebook, instagram and twitter link so they can contact me on that also.

# Web Pages

## Home Page



# Life begins at the end of your comfort zone.

Neale Donald Walsch

### Latest Posts



Kashmir(Mon Nov 02 2020)

Jammu and Kashmir was a region formerly administered by India as a state from 1954 to 2019, constituting the southern and southeastern portion of the larger Kashmir region, which has been the subject

[Read More](#)



Mount Abu(Mon Nov 02 2020)

The enchanting hill station Mount Abu is also identified as 'an oasis in the desert' and has famous temples, wildlife sanctuary, waterfalls and lakes which attract tourists from all parts of the world

[Read More](#)



Ooty(Mon Nov 02 2020)

Ooty, also known as Udhagamandalam, is a hill station in the state of Tamil Nadu, in southern India. It is surrounded by trees, central Ooty Lake is a huge artificial expanse of water with pleasure bo

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#### Quick links

- » [Home](#)
- » [Posts](#)
- » [Create Post](#)
- » [About](#)
- » [Contact](#)



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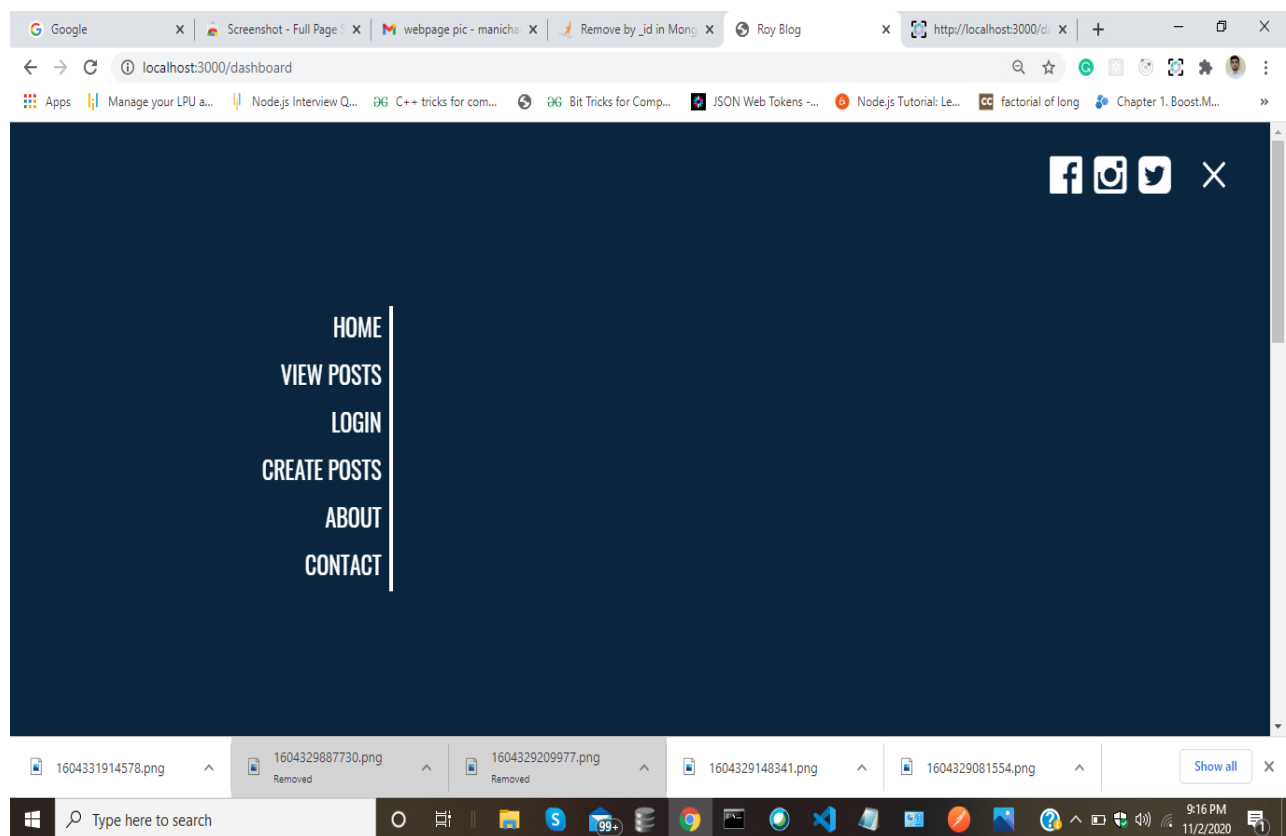
This is the homepage of my website. This page is divided into header, body and footer section. Header and footer is the common section in every page. Body section shows a thought in first and then latest posts.

In latest post section top 3 newly created post will be shown. Mainly, these 3 post are stored in database with other post. When we are fetching the post it will fetch in a decreasing sorting order of date and I have put a limit of 3 so that only 3 post will be shown on homepage in latest post section.

There is a read more button also in every post that is showing in latest post. The content showing in the each card of blog post is not more than 200 character but when we click on read more the whole post will be shown to the viewer with no. of likes, comments and edit post(only for admin).


## Navigation Bar

There is a button which will show navigation bar in top right corner in every web page.




Route is made for every navigation link. On clicking Home route of home will be called and it will return home web page. Similarly, for View posts, Login(Admin login), About and Contact same web page is returned from these routes. But on clicking Create posts firstly it will check whether the admin is logged in or not, if he is logged in it will be redirected to create post page otherwise it will be redirected to login page.

## View Posts

f i t t


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### Posts




**Kashmir(Mon Nov 02 2020)**  
Jammu and Kashmir was a region formerly administered by India as a state from 1954 to 2019, constituting the southern and southeastern portion of the larger Kashmir region, which has been the subject

[Read More](#)




**Mount Abu(Mon Nov 02 2020)**  
The enchanting hill station Mount Abu is also identified as 'an oasis in the desert' and has famous temples, wildlife sanctuary, waterfalls and lakes which attract tourists from all parts of the world

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**Ooty(Mon Nov 02 2020)**  
Ooty, also known as Udhamandalam, is a hill station in the state of Tamil Nadu, in southern India. It is surrounded by trees, central Ooty Lake is a huge artificial expanse of water with pleasure boats

[Read More](#)




**Jaisalmer Fort(Mon Nov 02 2020)**  
Merging brilliantly with the golden hues of the desert, Jaisalmer Fort is one monument cum princely bastion that has always been the pride of the city. A world heritage site, Jaisalmer fort was built

[Read More](#)



**Rameshwaram(Mon Nov 02 2020)**  
Rameshwaram Temple is an important pilgrimage site for the followers of Hinduism. It is believed that a visit to this temple washes away one's sins and brings salvation (moksha). Located on an island

[Read More](#)



**Shimla(Mon Nov 02 2020)**  
The capital of the state of Himachal Pradesh in India, Shimla is also highly popular destinations and its temples, fairs, festivals, and numerous attractions draw a lot of tourists from all parts of India

[Read More](#)

#### Quick links

- » Home
- » Posts
- » Create Post
- » About
- » Contact

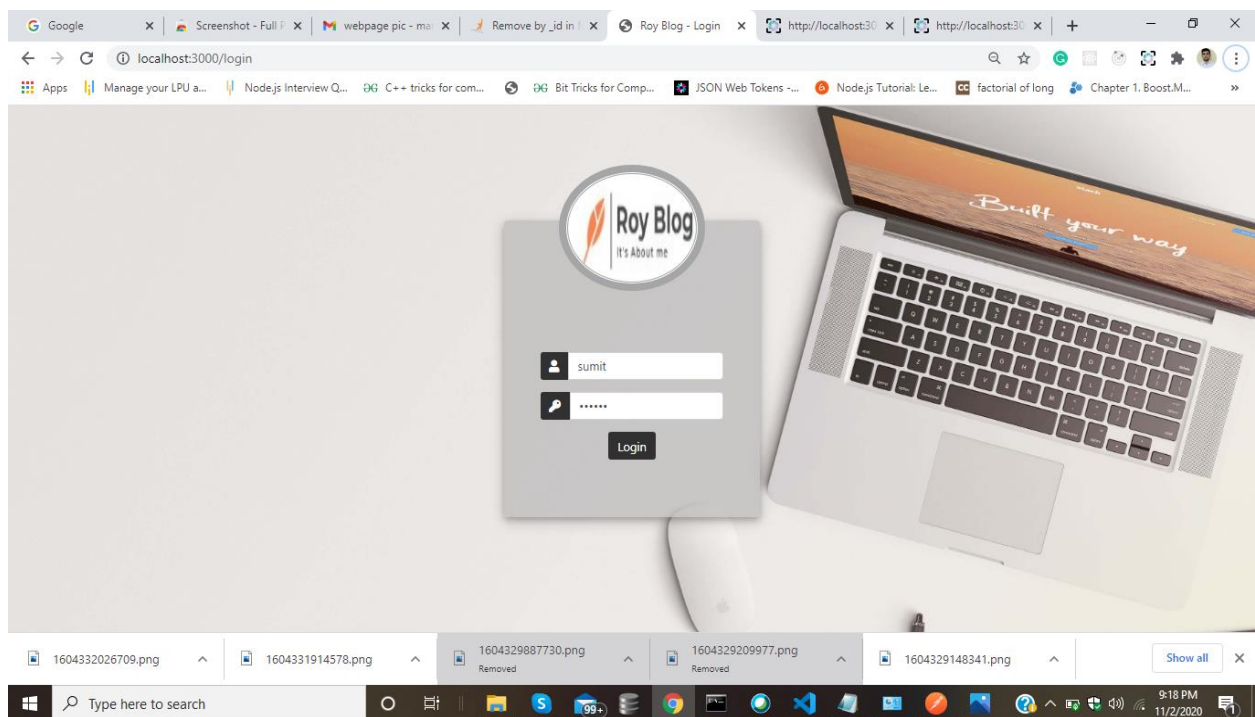
f t i

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This web page contains all post that is uploaded by the admin. This is similar to latest post section but here all the post will be shown in descending order of date of every post. And every blog post card is same as latest post blog card i.e read more work as same.

## Login


This webpage is only for admin. Admin can login to create and edit post. Admin username and password is stored in database when he input username and password and click on login if the username and password will be matched it will redirect to homepage and now admin can access create post section.







## Create Post

This web page contains form for create post. Form consists of three groups:

1. Title
2. Image
3. Description

Roy Blog  
It's About me



---

Create New Post

Title

Kashmir

Select image

Choose File

Tawang-Monastery-Sikkim.jpg

Description

Jammu and Kashmir was a region formerly administered by India as a state from 1954 to 2019, constituting the southern and southeastern portion of the larger Kashmir region, which has been the subject of a dispute between India, Pakistan and China since the mid-20th century.

Create Post

Quick links

> Home

> Posts

> Create Post

> About

> Contact



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On clicking create post button it will redirect the user to View Posts page with the recently added post on top.

## Post

This web page comes after clicking on read more in blog post card. In this the viewer can like or comment on any post and admin can edit the post.



## Kashmir

Edit Post

Mon Nov 02 2020



Jammu and Kashmir was a region formerly administered by India as a state from 1954 to 2019, constituting the southern and southeastern portion of the larger Kashmir region, which has been the subject of a dispute between India, Pakistan and China since the mid-20th century. Wikipedia

1 person liked this...

Name

Comment

Comment here....

Comment

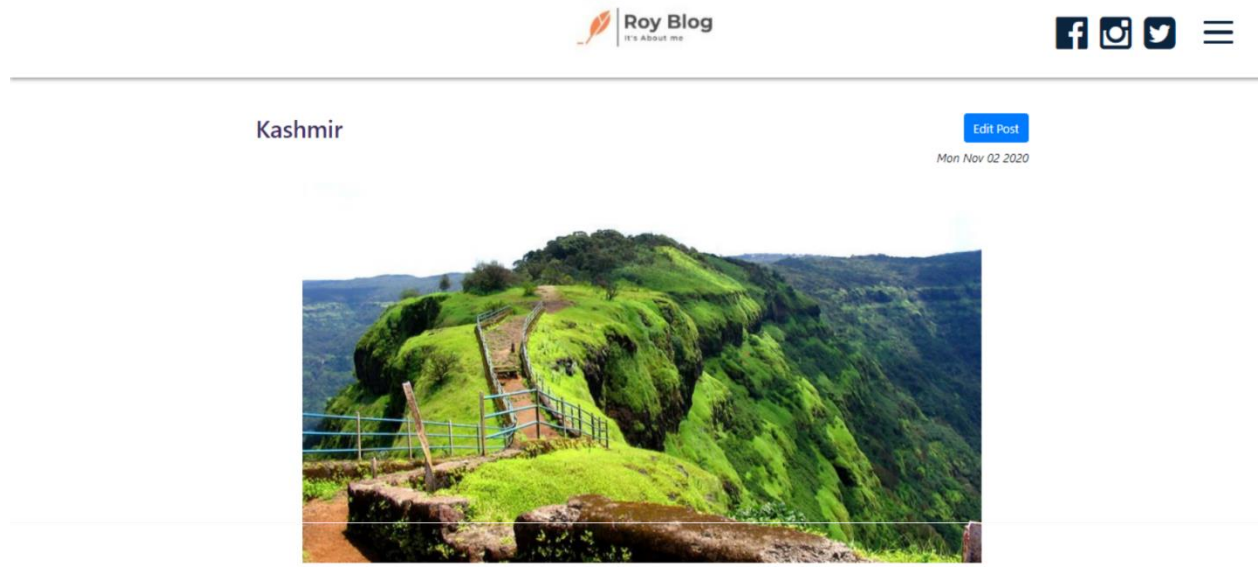
### Quick links

- » Home
- » Posts
- » Create Post
- » About
- » Contact

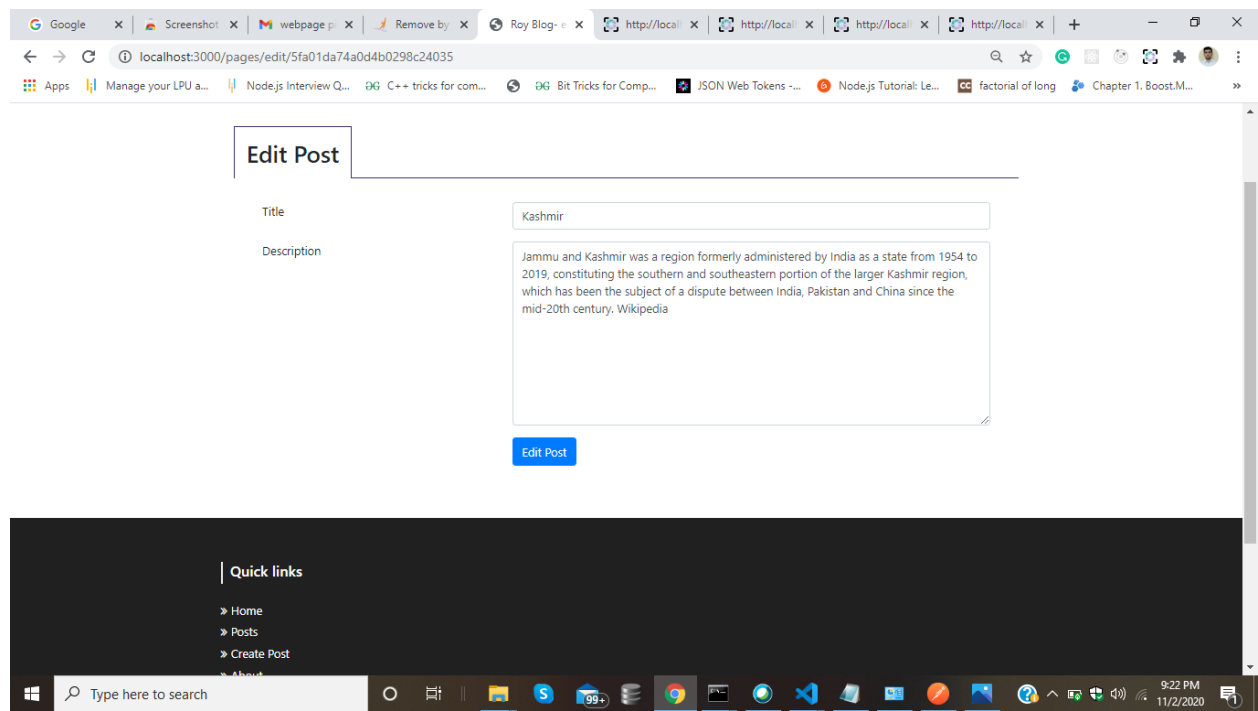


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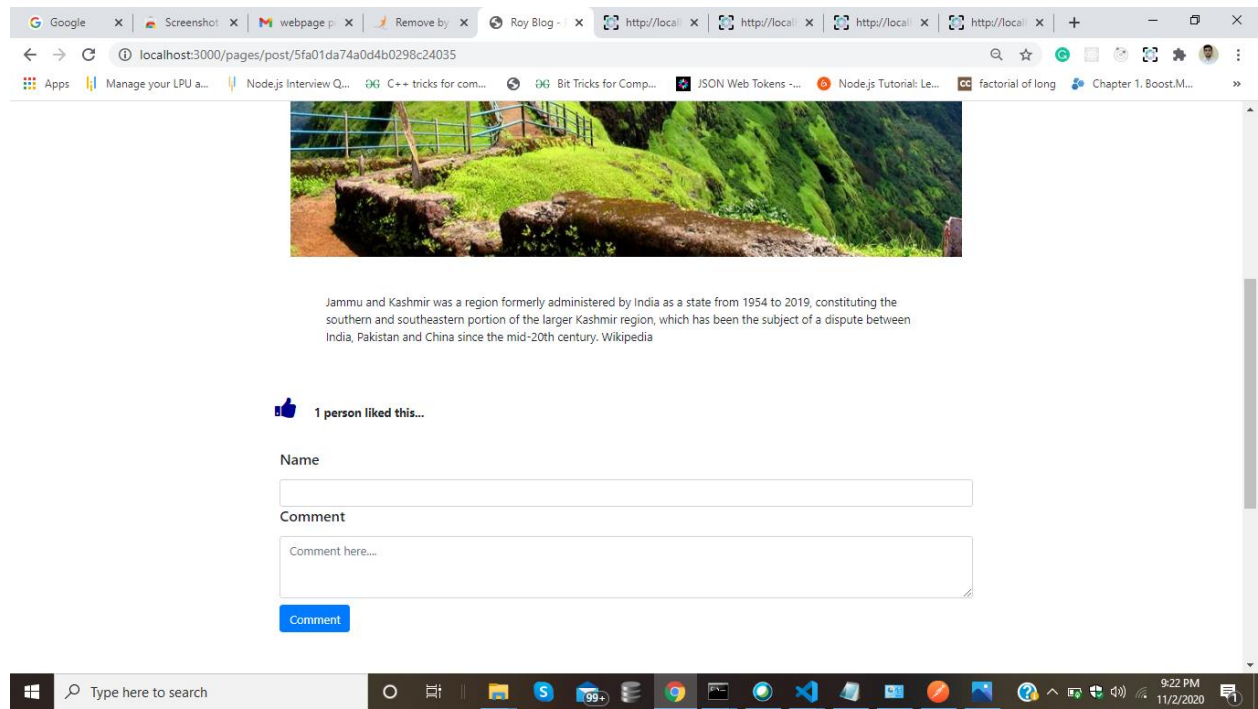
## Edit Post



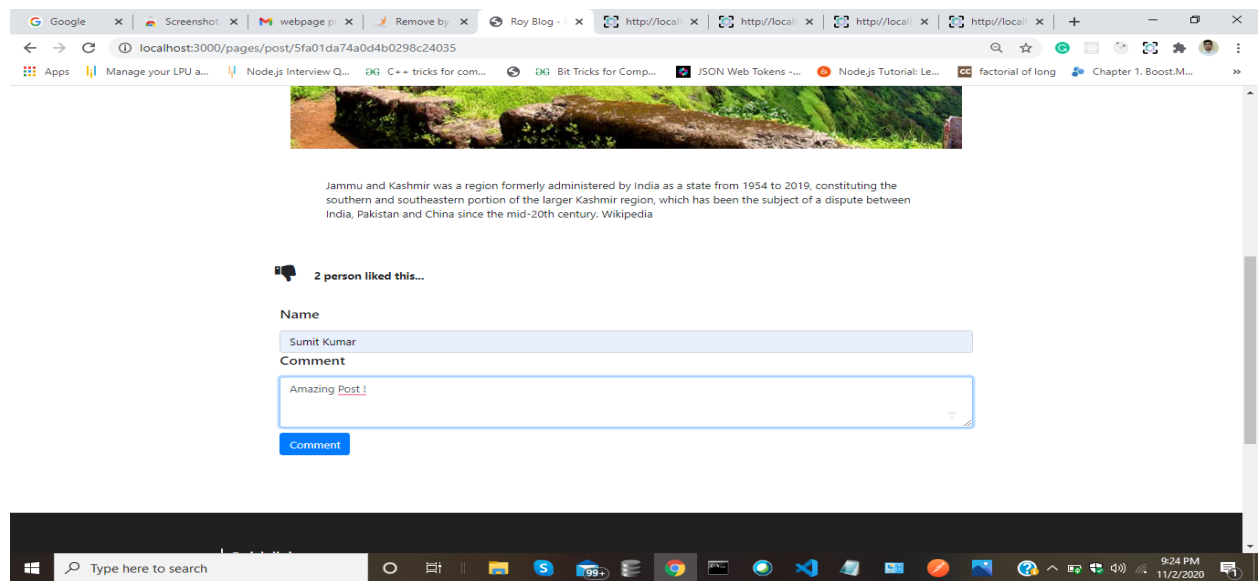
After clicking on edit post button it will redirect to edit post page. In this web page admin will edit its post.



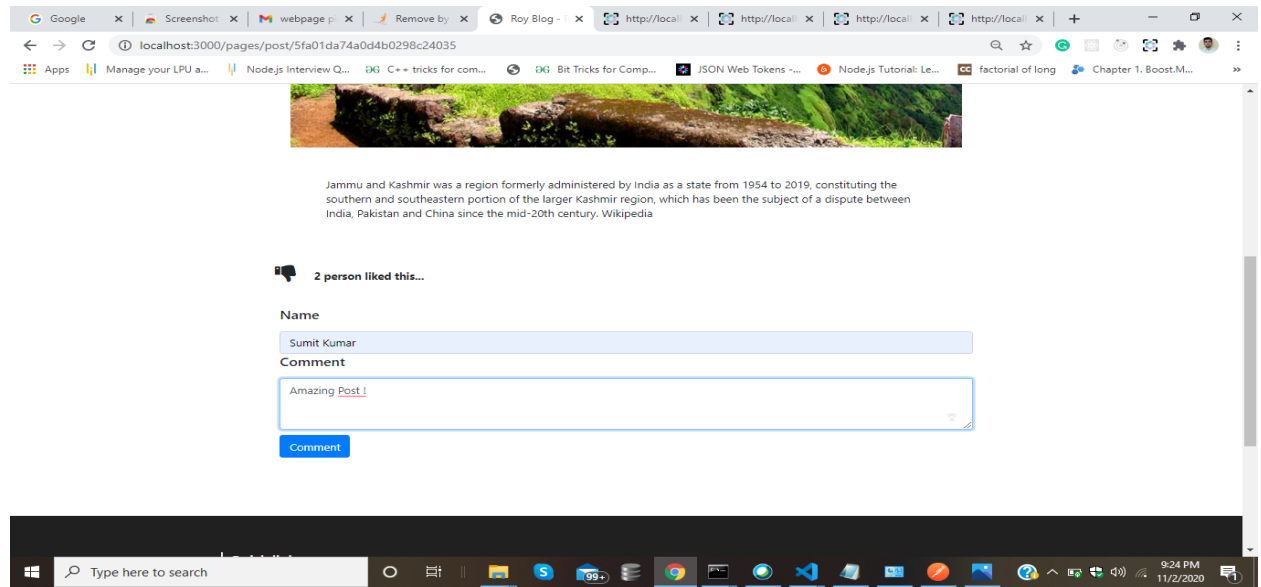
## Likes



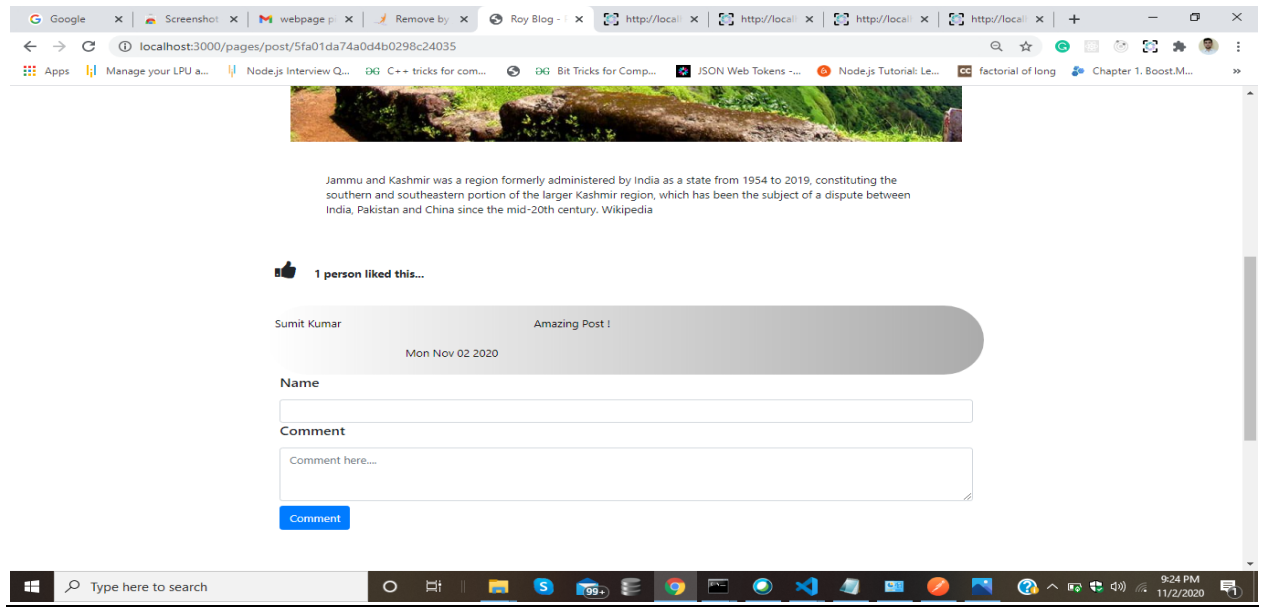
After clicking on like like value will be incremented and thumpsup icon will turn in thumps down and vice versa.



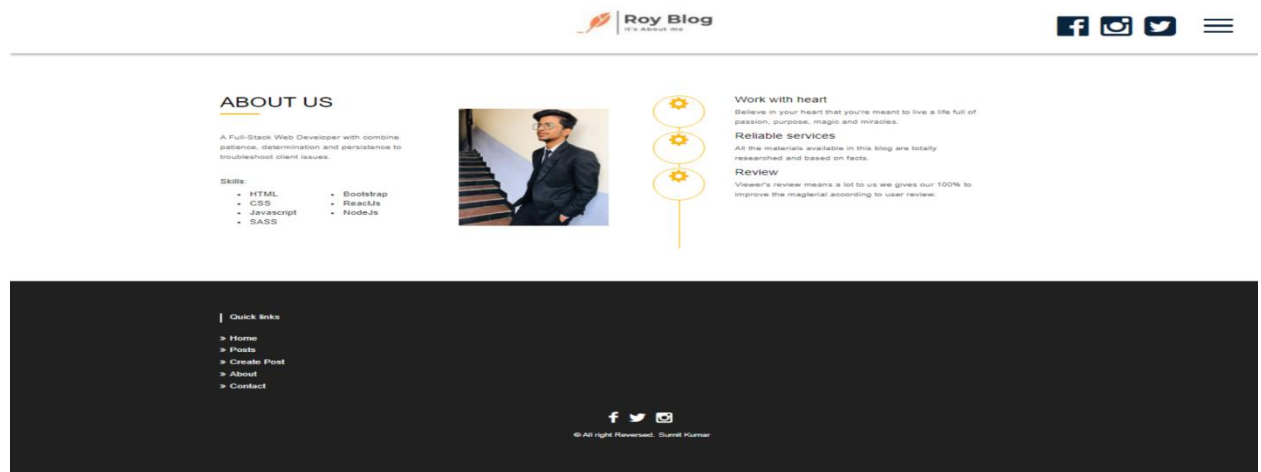
## Comment



Viewer will enter his name and comment and after that it will be submitted to database and will be shown on top of comment box.

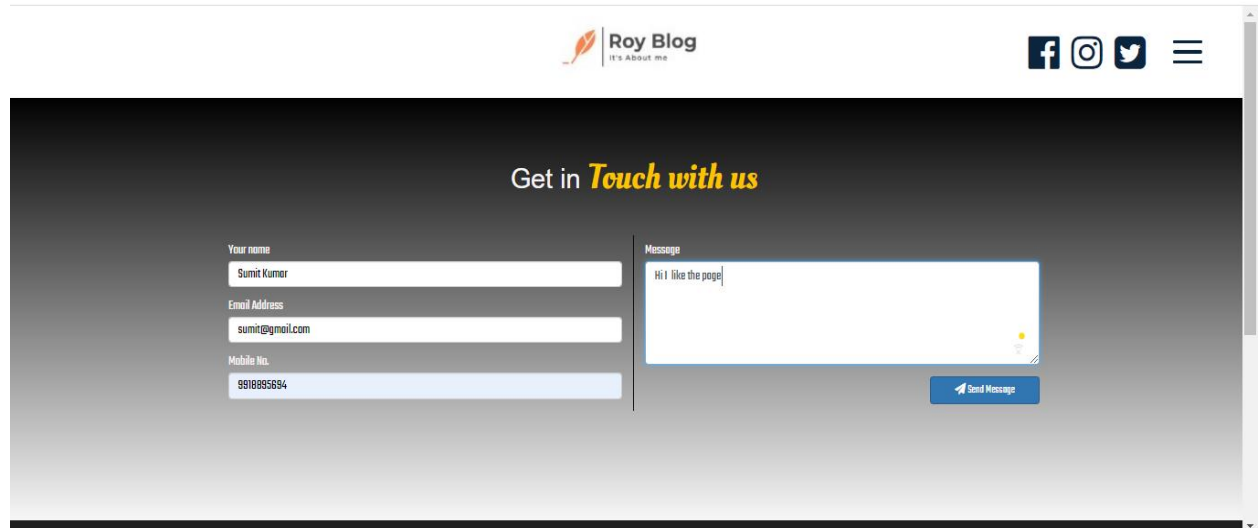


## About



This web page is all about blogger. It describes the blogger in brief with all his skills, interests, etc.

## Contact



The screenshot shows a contact form on a website. At the top, the header includes a logo with a leaf icon and the text 'Roy Blog' and 'It's About me'. To the right of the header are social media icons for Facebook, Instagram, and Twitter, along with a hamburger menu icon. The main content area has a dark background with the text 'Get in *Touch with us*' in yellow. Below this, there are two columns of input fields. The left column contains three fields: 'Your name' with the value 'Sumit Kumar', 'Email Address' with the value 'sumit@gmail.com', and 'Mobile No.' with the value '9918995694'. The right column contains a 'Message' field with the value 'Hi I like the page'. A 'Send Message' button is located at the bottom right of the message field.

This web page contains a form for the viewers so that they can give review, or new suggestions or any complaint about the website or blogs. This data is stored in different database of contact with message and viewers information.

## Data Retrieval Process

**Login Data:**

The screenshot shows the Visual Studio Code interface with the 'PageController.js' file open in the editor. The file content is as follows:

```
const img = 'img-1604335611405',
      updatedAt = '2020-11-02T16:46:51.519Z',
      v = 0 }
[nodemon] restarting due to changes...
[nodemon] restarting due to changes...
[nodemon] starting 'node server.js'
Server started at 3000
DB Connected!
{ username: 'sumit', password: '12345678', button: '' }
```

The terminal output shows the following logs:

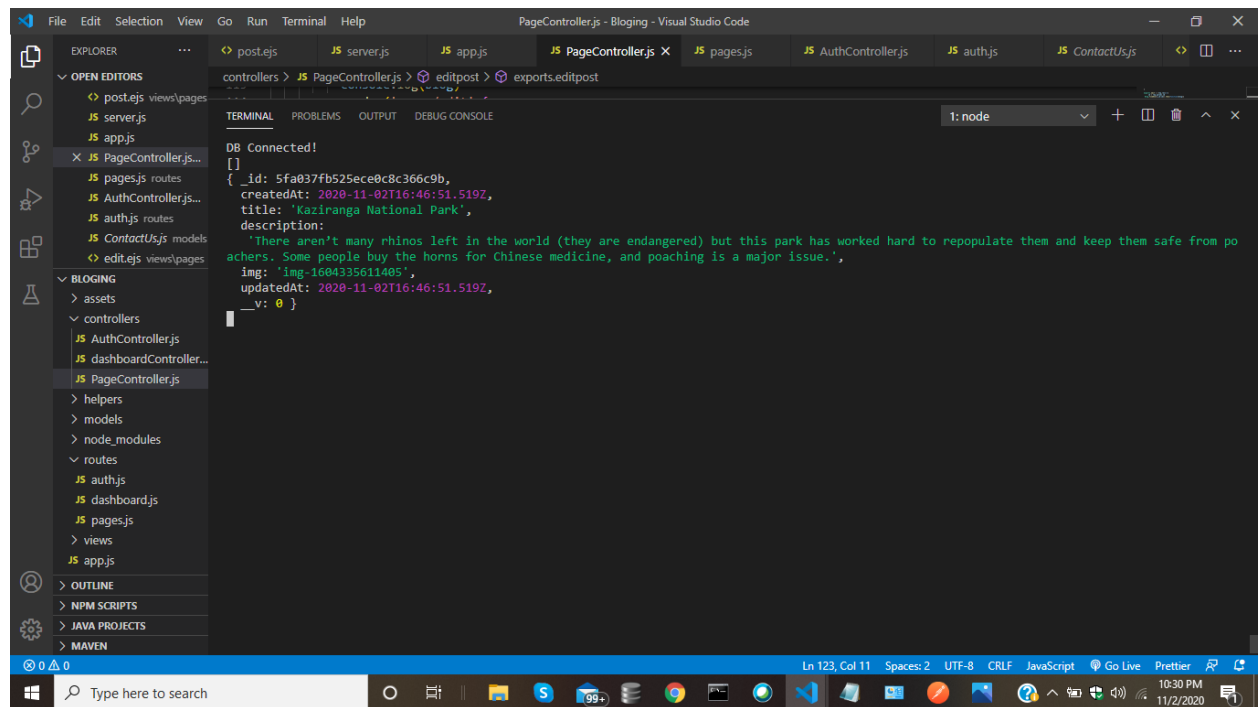
```
[nodemon] watching extensions: js,mjs,json
[nodemon] starting 'node server.js'
Server started at 3000
DB Connected!
[Object: null prototype] {
  title: 'Kaziranga National Park',
  desc:
    'There aren't many rhinos left in the world (they are endangered) but this park has worked hard to repopulate them and keep them safe from poachers. Some people buy the horns for Chinese medicine, and poaching is a major issue.' }
```

## Create Post Data:

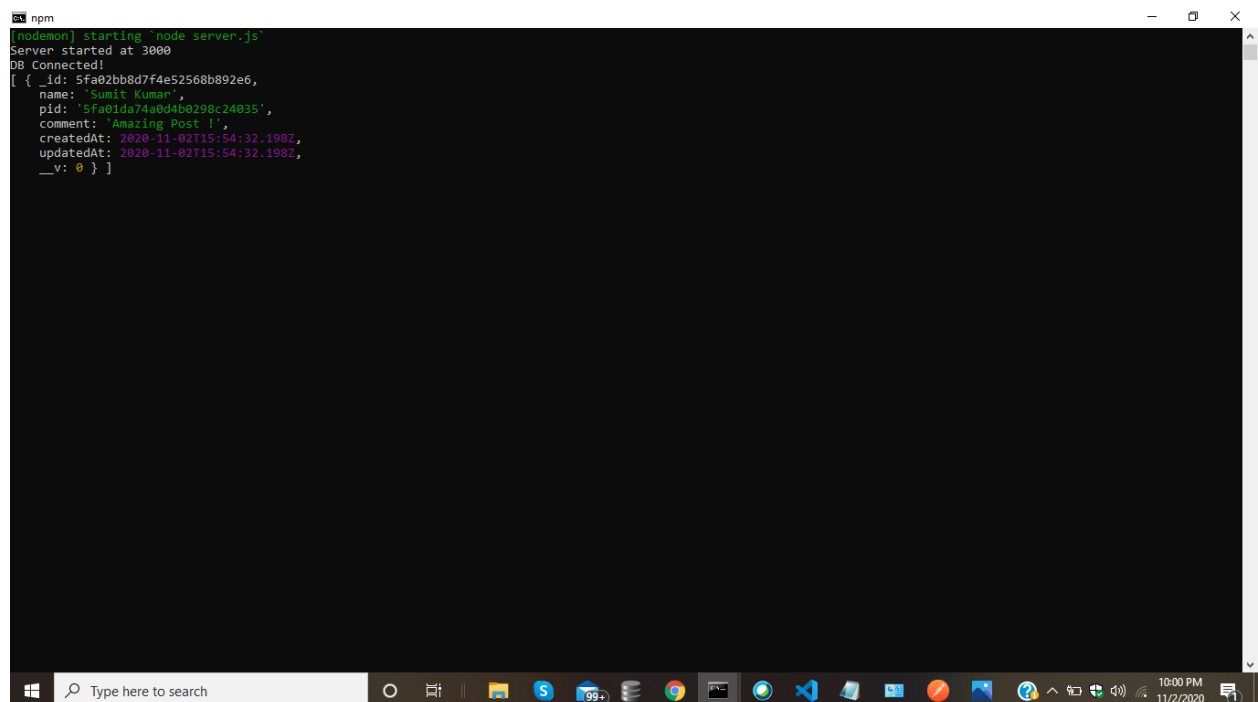
The screenshot shows the Visual Studio Code interface with the terminal output. The terminal output is as follows:

```
[nodemon] watching extensions: js,mjs,json
[nodemon] starting 'node server.js'
Server started at 3000
DB Connected!
[Object: null prototype] {
  title: 'Kaziranga National Park',
  desc:
    'There aren't many rhinos left in the world (they are endangered) but this park has worked hard to repopulate them and keep them safe from poachers. Some people buy the horns for Chinese medicine, and poaching is a major issue.' }
```

## Edit Post Data:

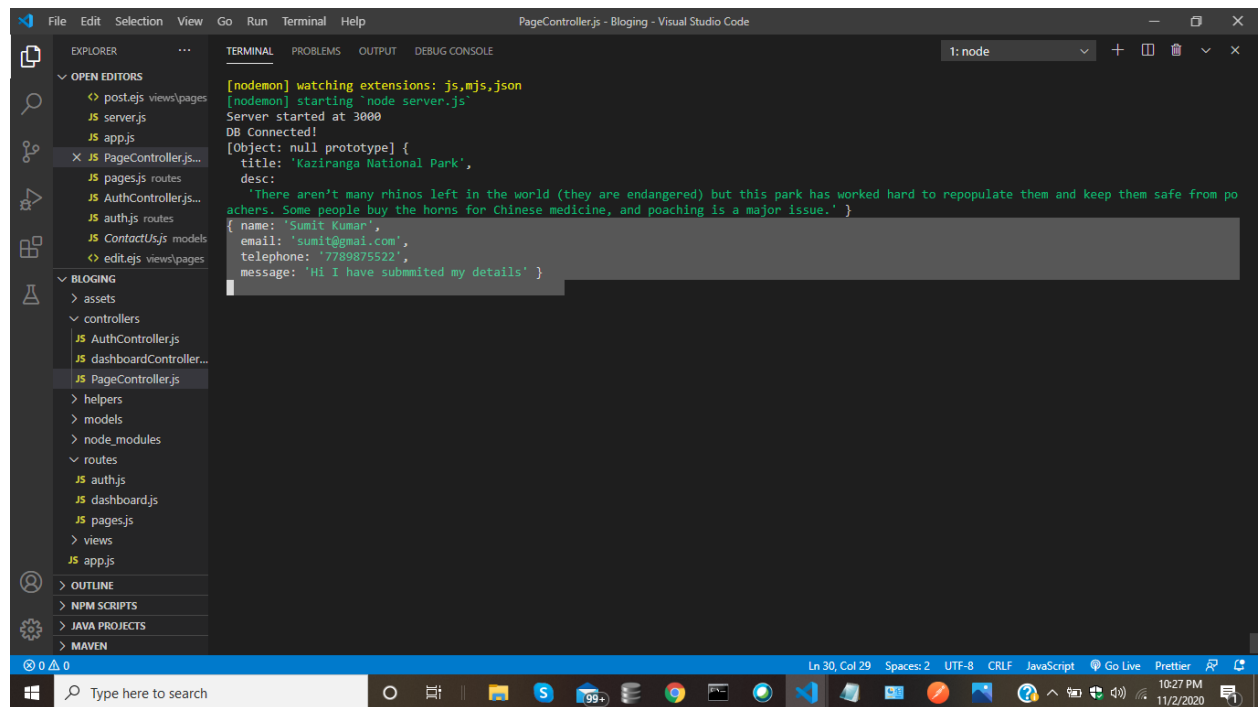


## Comment data:



## Contact:





```
[nodeemon] watching extensions: js,mjs,json
[nodeemon] starting 'node server.js'
Server started at 3000
DB Connected!
[Object: null prototype] {
  title: 'Kaziranga National Park',
  desc:
    'There aren't many rhinos left in the world (they are endangered) but this park has worked hard to repopulate them and keep them safe from poachers. Some people buy the horns for Chinese medicine, and poaching is a major issue.'
}
{
  name: 'Sumit Kumar',
  email: 'sumit@gmail.com',
  telephone: '7789875522',
  message: 'Hi I have submitted my details'
}
```

**\*\*Highlighted part is for contact data.....**