

**FULL STACK PROJECT**  
**(2020-2021)**

**The Writer Next Door – A Blog Website**  
**(Front End Web Development)**

**PROJECT REPORT**

**Department of Computer Engineering & Applications**  
**Institute of Engineering & Technology**



**SUBMITTED TO:**

Mr. Pankaj Kapoor  
(Technical Trainer)

**SUBMITTED BY:**

Mohit Tiwari (181500392)  
Muskan Rajpal (181500405)  
Yash Srivastava (181500829)

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## Certificate

This is to certify that Mohit Tiwari, Muskan Rajpal and Yash Srivastava- students of BTech (CSE) 3<sup>rd</sup> year have successfully completed the **FULL STACK PROJECT** named **The Writer Next Door** on Frontend Web Development under the Guidance of **Mr. Pankaj Kapoor** during 2020- 2021.

Signature:

**Mr. Pankaj Kapoor**  
(Mentor)

## **Acknowledgement**

It gives us a great sense of pleasure to present the synopsis of BTech Full Stack Project (**The Writer Next Door**) undertaken during BTech III<sup>rd</sup> Year. This project in itself is going to be an acknowledgement to the inspiration, drive and technical assistance that has motivated individuals like us.

We owe special debt of gratitude to **Mr. Pankaj Kapoor**, Technical Trainer, Department of CEA, for providing us with an encouraging platform to develop this project, which thus helped us in shaping our abilities towards a constructive goal and for his constant support and guidance to our work. His sincerity, thoroughness and perseverance is been a constant source of inspiration for us. We believe that he will shower us with all his extensively experienced ideas and insightful comments at different stages of the project & also guide us about the latest industry-oriented technologies.

We would also like to acknowledge the contribution of all faculty members of the department for their kind guidance and co-operation.

Yash Srivastava  
(181500829)  
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Mohit Tiwari  
(181500392)

## **Abstract**

In this cut throat competition, full stack development is one of those fields that is experiencing great demand in IT industries. It has gained a lot of scope in the top-notch industries. Therefore, being a Computer Science student, it becomes quite necessary to learn such full stack technologies in order to increase one's career prospects. For this, it is important to have practical knowledge of languages and build projects that can be utilized and worked upon in future and among such projects is "The Writer Next Door – A Blog Website."

The main aim of this project is to build a platform for all the writers who want their write –ups to reach out to people and can gather engagement and appreciation from other people. This will also help them to encourage towards frequent blogging and also they can connect to new writers and can see their work.

- There are following users: Writers and Guests
- Guests can access and visit the website in order to read write-ups from various writers posted by them and can connect to the admin for feedbacks or queries.
- Writers can publish their write-ups, connect with other writers and can see their work too.

## **Introduction**

### **1.1 Overview**

- Software and Hardware Requirements, corresponding DFD's and Use Case Diagrams have been organized in this report. Along with these designs, this report also contains the essential data of this project.
- The complete description of the website followed by the functionalities has been listed initially. Later on, the Webpage has been described diagrammatically with the help of different designing tools like Data Flow Diagram, Use Case Diagram.

### **1.2 Motivation**

In this cut throat competition, full stack development is one of those fields that is experiencing great demand in IT industries. It has gained a lot of scope in the top-notch industries. Therefore, being a Computer Science student, it becomes quite necessary to learn such full stack technologies in order to increase one's career prospects. For this, it is important to have practical knowledge of languages and build projects that can be utilized and worked upon in future and among such projects is "The Writer Next Door – A Blog Website."

### **1.3 Problem Statement**

In this digital era where every skill or talent needs to be outreached to people to gain engagement, there comes a need to provide an open platform to all those writers who want to publish their write-ups and want the world to engage and appreciate their work. This will assist them in boosting their skills and will also help them to connect with new writers.

### **1.4 Objective**

The main aim of this project is to build a platform for all the writers who want their writeups to reach out to people and can gather engagement and appreciation from other people. This will also help them to encourage towards frequent blogging and also, they can connect to new writers and can see their works.

There are following users: Writers and Guests

- Guests can access and visit the website in order to read write-ups from various writers posted by them and can connect to the admin for feedbacks or queries.
- Writers can publish their write-ups, connect with other writers and can see their work too.



## **Software Requirement Analysis**

### **2.1 System Analysis**

System analysis is a process of collecting and interpreting facts, identifying the problems, and decomposition of the system into its components.

It is a process of studying a system in order to define its goals or purposes and to discover operations and procedures for accomplishing them most efficiently.

### **2.2 Role of System Analyst**

The system analyst is a person who is thoroughly aware of the system and guides the system development project by giving proper directions. He is an expert having technical and interpersonal skills to carry out development tasks required at each phase.

#### **2.2.1 Main Roles of System Analyst:**

- Defining and understanding the requirement of user through various fact finding techniques.
- Prioritizing the requirements by obtaining user consensus.
- Maintains analysis and evaluation to arrive at appropriate system which is more user friendly.
- Draw certain specifications which are easily understood by users and programmer in precise and detailed form.
- Implement the logical design of system which must be modular.

## 2.3 Users

The Users of this website would be the Writers (interested in publishing their blogs on the website) and Guests who want to visit the website.

## 2.4 Methodology

Our methodology is designed to help you take maximum advantage of the internet technologies. It incorporates all aspects related to our website and allows us to ensure that the final product is of the highest standards. Below are the steps we will take to ensure that all our deliverables are completed in time, within budget also we will try to solve each and every problem efficiently.

- Requirements analysis

The first step for us is to analyze the target market's requirements who will be visiting our website, what will be the purpose of their visit, what is the primary goal of our website, how can the users benefit from it. Many such questions are analyzed for the need's analysis stage.

If we are given access to the current website statistics, we would also like to analyze our current page views, average user time spent on the site, top landing pages, existing search engine rankings, existing bounce rates and many such factors. We analyze our online target audience and assess our differentiation strategy to best attract and retain our online visitors.

Our website should also undergo comprehensive search engine analysis twice during the course of the project; once during this stage and once again after the deployment (Go Live phase) of our website.

- Website handover

Once the site is setup on our destination server, upon your approval we make the website live. One final set of testing is done on the live website for the quality assurance purposes. We then hand over the control of the site to you.

## **2.5 Dependencies/External Systems**

- User Interfaces:

The Writer Next Door website shall permit complete navigation; including all the functionalities described above, starting from seeing the posts published by other writers to publishing interested writer's blog on this site, to joining the newsletter of this website. The writers can also connect with the admins.

- Hardware Interfaces:

There are two external machines/devices used by the website, each related to a user interface. These are – a machine at the admin end hosting the website and a PC at writer's end who wants to publish their blogs on this site as well as get to know other writers of the community. The devices at the user end behave as terminals and not for storing any type of data. Also capable of taking user input.

## **2.6 Hardware Requirement (Minimum)**

- 4 GB RAM
- Dual Core Processors
- Internet Connections

### **Software Requirement -**

- SYSTEM SOFTWARE
  - Operating System (Windows 7, Linux)
- APPLICATION SOFTWARE
  - Tools: Visual Studio Code Editor
  - Programming Language: JavaScript
  - Front-End:
    - HTML
    - CSS
    - Bootstrap
    - JQuery

## **Technology Used**

**HTML5:** It is used for giving eye catching look to the website and also provides easy to use GUI.

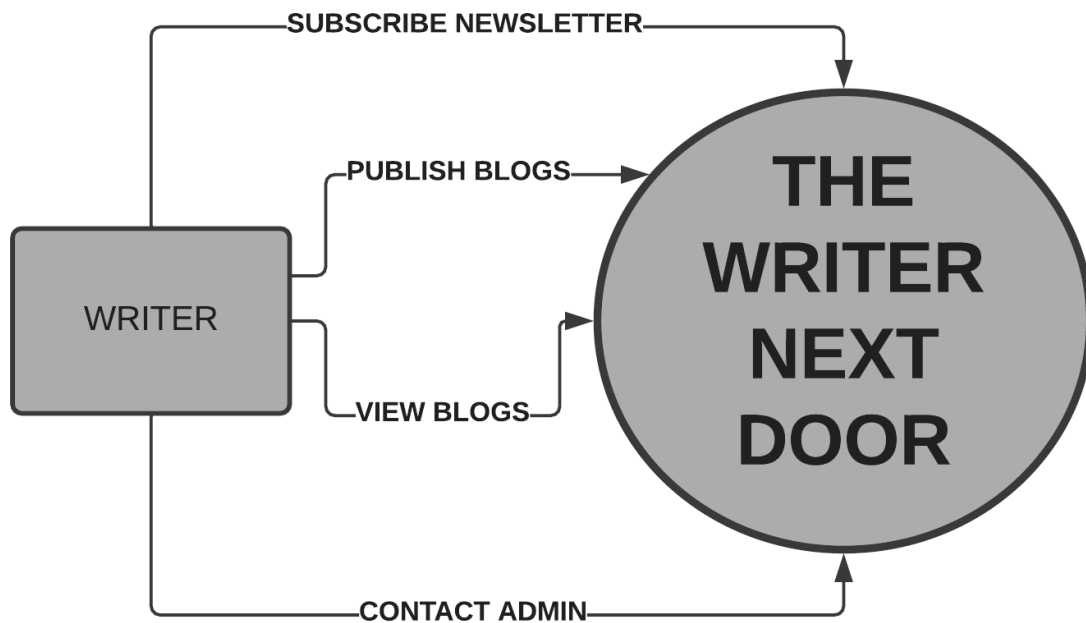
**CSS3:** CSS is known as Cascading Style Sheet which is used to give designer look to HTML using the external file.

**JavaScript:** JavaScript is used for client-side scripting which can help in using validation on the website and many more other functions.

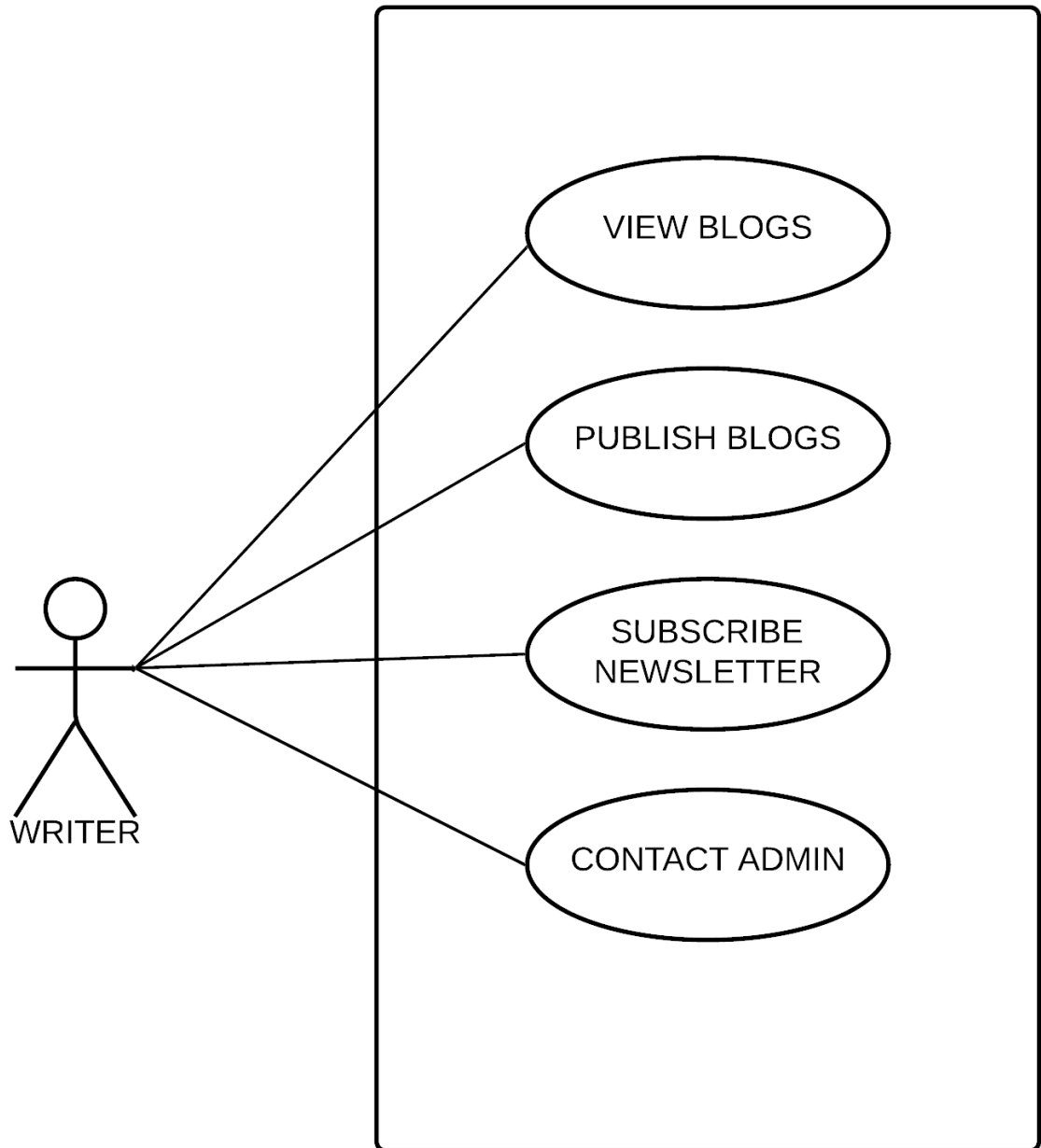
**Bootstrap:** It is framework that helps in building websites faster and easier.

**jQuery:** jQuery is a JavaScript library designed to simplify HTML DOM tree traversal and manipulation, as well as event handling, CSS animation, and Ajax

## LEVEL 0 DFD



## USE-CASE DIAGRAM



## **Implementation Details**

This project will mainly have a section where writers can upload their write-ups which can be quote/ poems/ articles/ blogs/ stories etc. The next section would consist of various write ups posted by various other writers. It will also have a section that will include information about the website and the various ways to connect with the admin via social media sites for queries and feedback.

User functionalities:

- 1) Writers can upload their works on the platform and can get to know about other writers.
- 2) Guests can visit the platform, read articles and can connect to the administrators via social media sites like GitHub, LinkedIn and Instagram for queries or feedbacks.

## **Modules Included**

- ❖ Home- The introductory page of the platform
- ❖ Our Team – Details about the team members of this project
- ❖ Upload Write-ups – Section for writers to upload their content/write ups.
- ❖ Writer's Block – Section to read articles written by other writers.
- ❖ Contact Us – Section to connect to the administrator.



## **Contribution Summary**

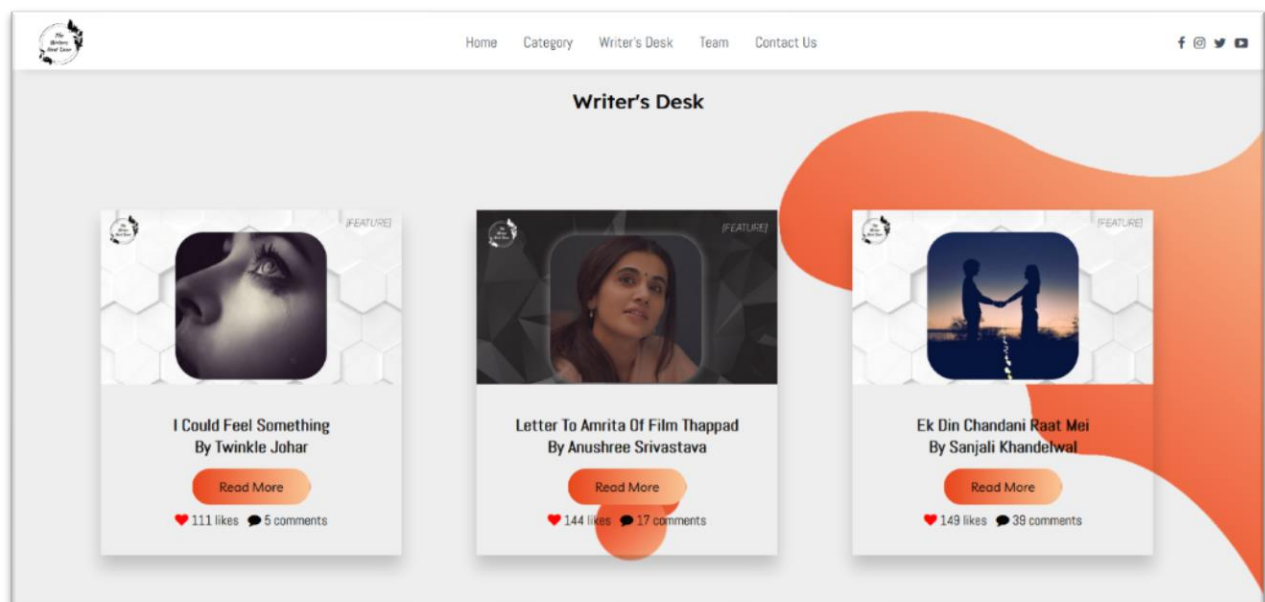
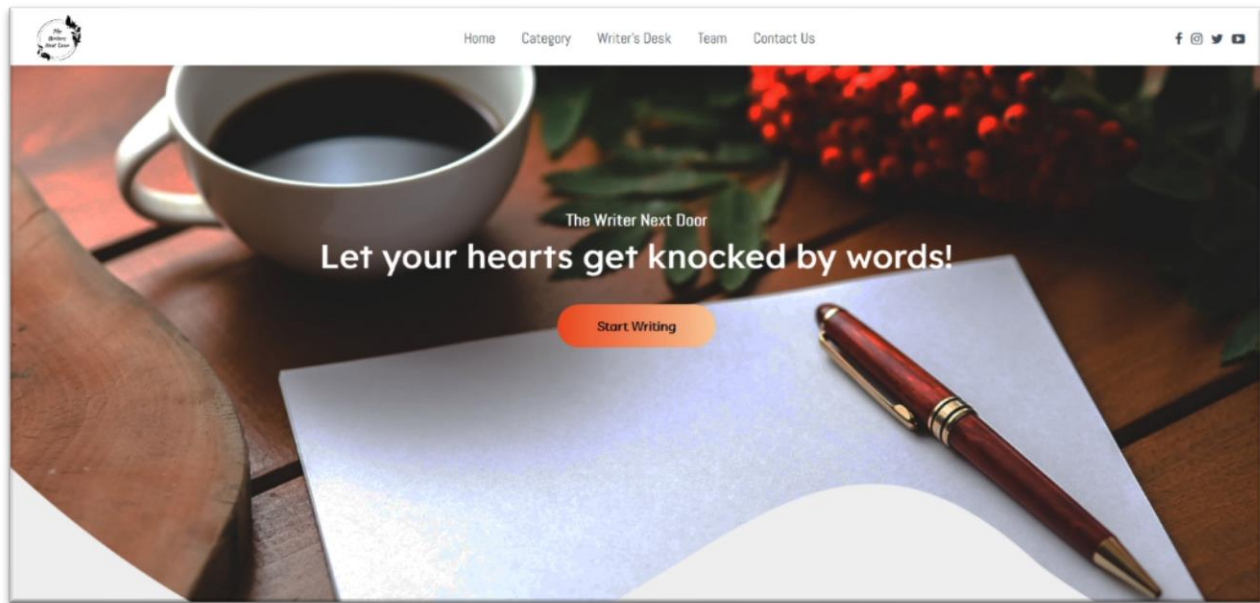
### **OUR TEAM:**


**Designer:** Yash Srivastava

**Documentation:** Muskan Rajpal

**Frontend Developer:** Mohit Tiwari, Muskan Rajpal and Yash Srivastava

## Project Work (Desktop View):




[Home](#)
[Category](#)
[Writer's Desk](#)
[Team](#)
[Contact Us](#)




[f](#)
[@](#)
[t](#)
[v](#)

[OPEN LETTER]

TO THE BOY I BEFRIENDED,

I still laugh at the instance when I cried for the first time in front of you. The way your face filled up with confusion and your mouth blabbered "Oh noo! How do people stop a girl from crying? Someone please help..."

-thewriter.nextdoor

 June 10, 2020
  185 Likes
  25 Comments

I used to ponder over the fact about "Why guy bestfriends are said to be a bliss in every girl's life", but I never knew that I would end up writing a letter for a boy like you!

It all started when you smiled and uttered a formal "hi" and my mind whispered "Just another guy". You gradually

Category

Open Letter (11)


Sentiments (17)

Trending (11)


Features (14)

Musings (20)

Popular Post






Every morning she woke up with earphones


[Home](#)
[Category](#)
[Writer's Desk](#)
[Team](#)
[Contact Us](#)

[f](#)
[@](#)
[t](#)
[v](#)

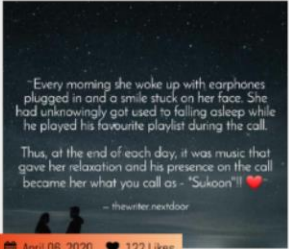
thewriter.nextdoor

 June 10, 2020
  185 Likes
  25 Comments

I used to ponder over the fact about "Why guy bestfriends are said to be a bliss in every girl's life", but I never knew that I would end up writing a letter for a boy like you!

It all started when you smiled and uttered a formal "hi" and my mind whispered "Just another guy". You gradually shifted from those formal "hello-s" to "how do you do", and I started to reply with keen interest "I want a treat too"! As we began to open up, we started doing every reckless things that I had only seen in movies. And since then, life has changed a lil bit for me.



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Every morning she woke up with earphones plugged in and a smile stuck on her face. She had unknowingly got used to falling asleep while he played his favourite playlist during the call.

Thus, at the end of each day, it was music that gave her relaxation and his presence on the call became her what you call as - "Sukoon"!! ❤️

- thewriter nextdoor


 April 08, 2020
  122 Likes

And every morning she finally found her "Sukoon" in him!




[OPEN LETTER]

TO THE GOOD OLD DAYS,


[Home](#)
[Category](#)
[Writer's Desk](#)
[Team](#)
[Contact Us](#)

[f](#)
[@](#)
[t](#)
[v](#)



### TO THE GOOD OLD DAYS,

I used to believe in "Normal is boring" until now when I want to run back to such days where every inch of it felt normal, where life was considered a leverage that could be used to beat the sleepy virus.

July 13, 2020 355 Likes 20 Comments

**Strolling on my terrace while listening to Willie Nelson's song "I'd trade all of my tomorrows for just one yesterday", made me feel nostalgic about the days before this pandemic Covid 19 devastated each one of us.**

Only if there was a way I could go back to the early month of January where the cold winds touched my face and there was no pandemic news flashing on the TV. The days where I felt carefree even after coming home exhausted and frustrated. I miss the days where I could laugh my heart loud with my friends while they went insane because now, all I have is some stupid video calls or zoom meetings.

[Read More](#)

SENTIMENT

When Arjit Singh sung in Illahi "Kal pe sawaal hai , Jeena filhal hai", I felt that I

No one knows what's stored in for us tomorrow- whether it would bring happiness or misery. All we know is that we have Today and that we should live it to the fullest. Afterall, today would become a memory for tomorrow , so why not make it a sweet one?

*Answerer's reflection*

May 11, 2020 221 Likes


**Kal pe sawaal hai , Jeena filhal hai ! Feel it ?**

SENTIMENT

When Abhinav said in Meri Pyaari Bindu "Kuch gamme maghi zindagi se yoon hi jutha jante hai , unki dhan mein lipte hote hai chote hadhe kisse , kargi soori yandehin..", I felt that!

They say that there is no Time Machine that can take us back to the old days, but I wonder how these songs are able to take us back to the days where we felt joy or heartbreak?

Many a times while listening to a song,


[Home](#)
[Category](#)
[Writer's Desk](#)
[Team](#)
[Contact Us](#)

[f](#)
[@](#)
[t](#)
[v](#)

and DUHH! SCREWED UP EVERYTHING ! You cannot match the high spirited 'Real world classes' in any damn way !!

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[OPEN LETTER]

## DEAR MAGGI,

Whenever those hunger pangs snatched the life out of me, you have always been to the rescue!  
Whenever those midnight cravings troubled me, you have always been to the rescue!  
Whenever my taste buds got tired of the ' Boring Dal ', you have always been to the rescue !!...

April 27, 2020 514 Likes 25 Comments

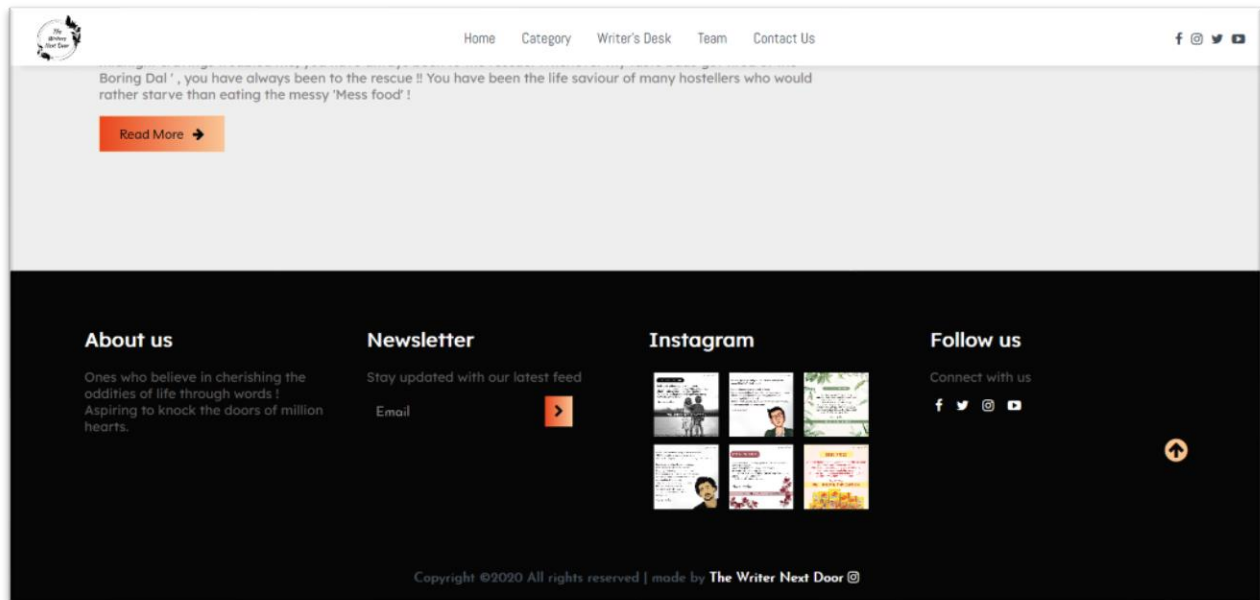
### Newsletter

Email

[Subscribe](#)

### Popular Tags

quotes life writersknockingdoors



The image shows a "Submit Your Entry" form overlay on a background image of a cup of coffee and a pen. The form has the following fields: "Your Name", "Your Email", "Your Instagram ID", "Category (Quote, Poem, Letter etc.)", and "Your Message". Below the "Your Message" field is a "Send" button. At the bottom of the form is a copyright notice: "Copyright ©2020 All rights reserved | made by The Writer Next Door @".





## meet Our Team



**Yash**

Front-End Developer

Everything is either 0 or 1.  
So always stay 1 to your  
work.



**Muskan**

Front-End Developer

Driven by a desire to aspire  
and develop others!



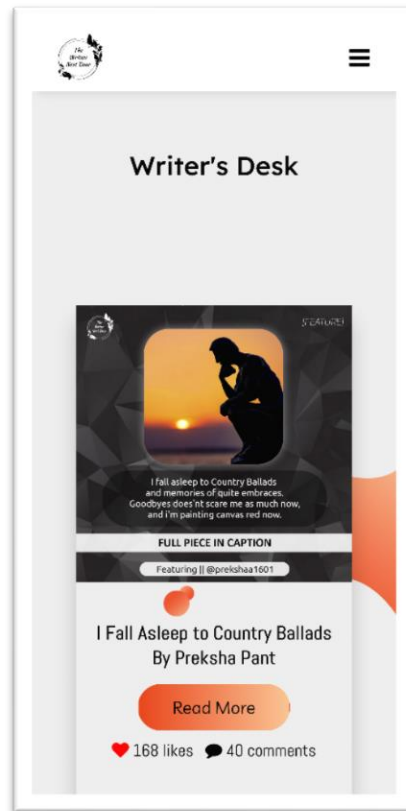
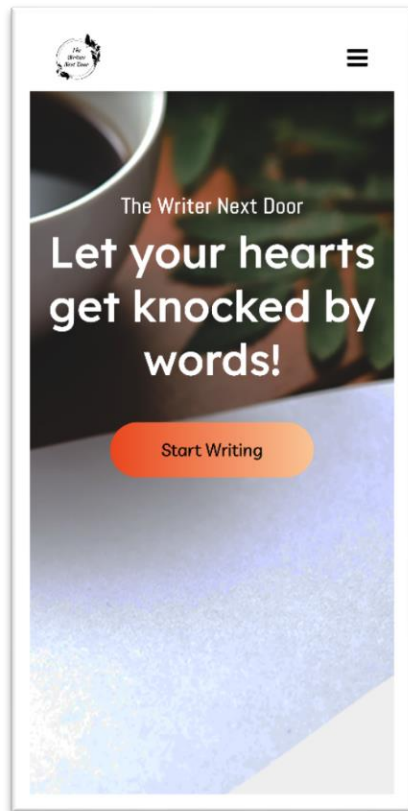
**Mohit**

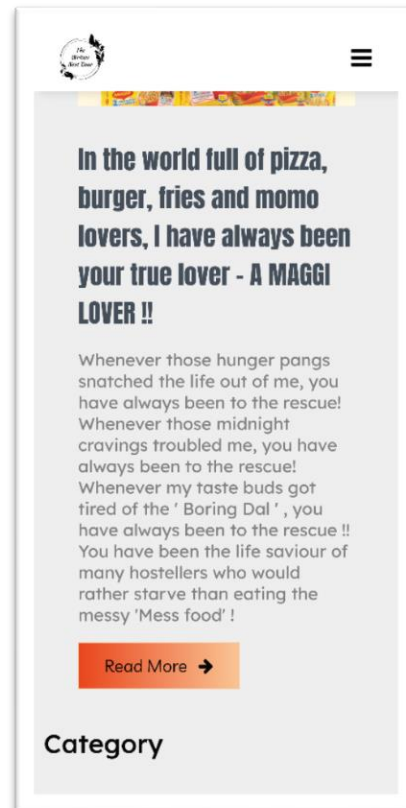
Front-End Developer

Be simple and keep  
learning. Know your worth.

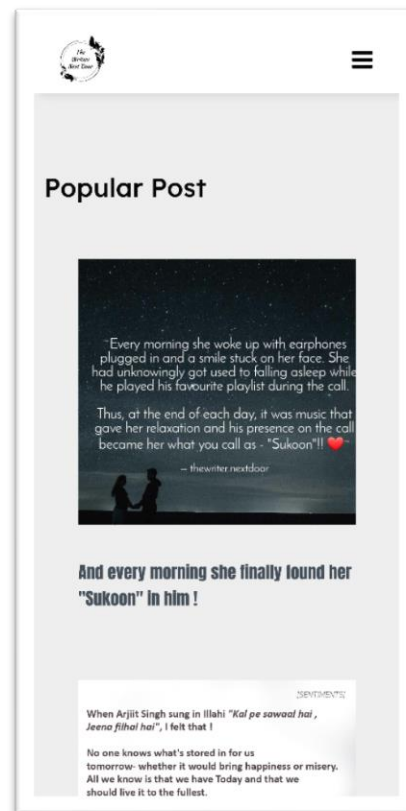
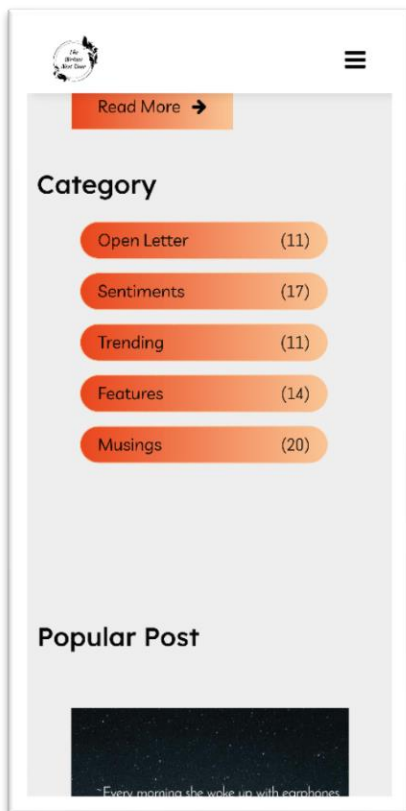
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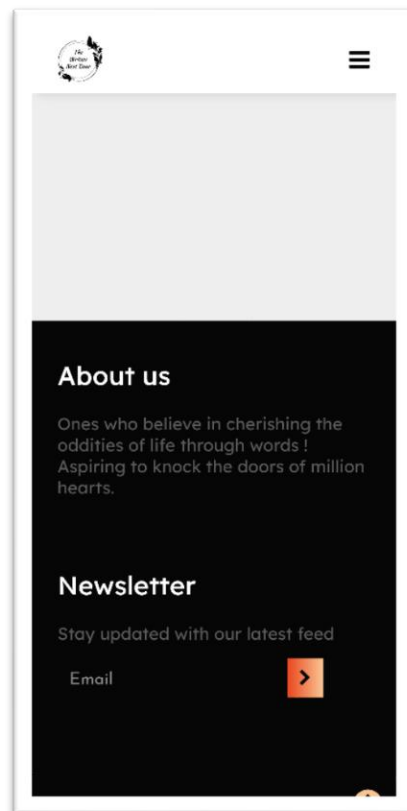
## Project Work (Mobile View):

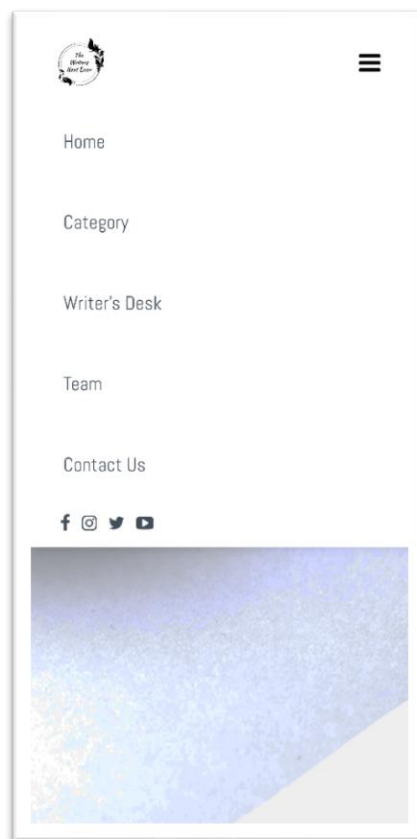
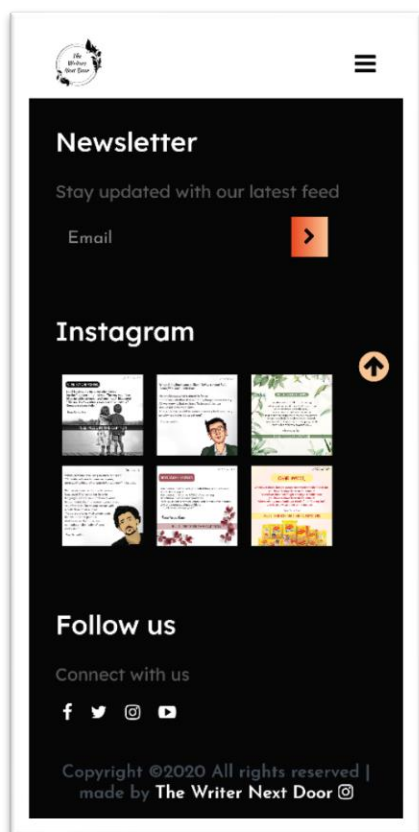












◀◀  
*meet* **Our Team**



**Yash**  
Front-End Developer

Everything is either 0  
or 1.  
So always stay 1 to  
your work.

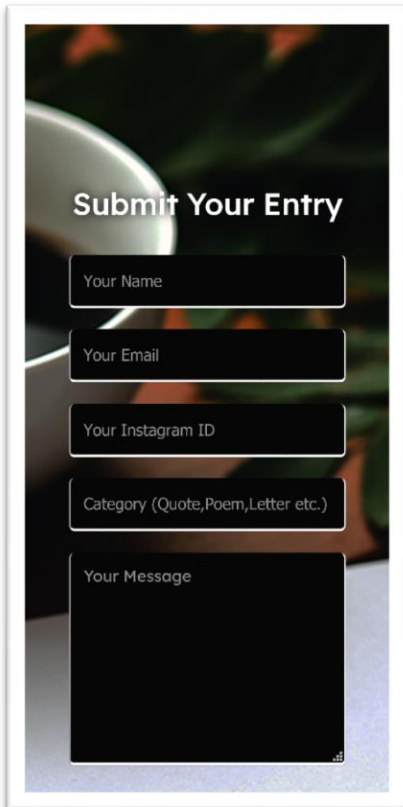
aspire and develop  
others!



**Mohit**  
Front-End Developer

Be simple and keep  
learning. Know your  
worth.

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The Writer Next Door. ®

A vertical form titled "Submit Your Entry" with a background image of a Christmas tree and a white cup. The form contains five input fields: "Your Name", "Your Email", "Your Instagram ID", "Category (Quote,Poem,Letter etc.)", and "Your Message".

**Submit Your Entry**

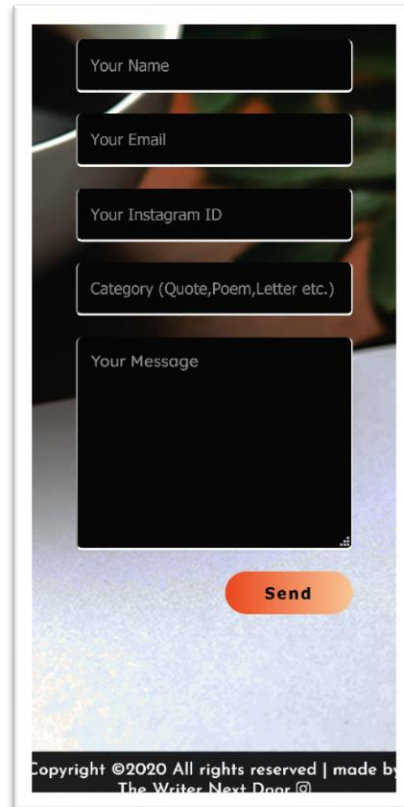
Your Name

Your Email

Your Instagram ID

Category (Quote,Poem,Letter etc.)

Your Message

A vertical form titled "Submit Your Entry" with a background image of a Christmas tree and a white cup. The form contains five input fields: "Your Name", "Your Email", "Your Instagram ID", "Category (Quote,Poem,Letter etc.)", and "Your Message". Below the "Your Message" field is an orange "Send" button. At the bottom of the form is a copyright notice.

Your Name

Your Email

Your Instagram ID

Category (Quote,Poem,Letter etc.)

Your Message

**Send**

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## **FUTURE SCOPE**

The Writer Next Door is extremely effective at giving writers an opportunity to gain engagement and appreciation on their write-ups as well as get in touch with other writers.

It is an open platform for all those writers who want to publish their write-ups and want the world to engage and appreciate their work. This will assist them in boosting their skills.

## **LIMITATIONS OF THE SYSTEM PROPOSED**

- ❖ It is one user interface website.
- ❖ The user can expect more features or want to gather more information.

## **CONCLUSION**

From proper analysis of positive points and constraints on the platform, it can be safely concluded that “The Writer Next Door” is efficient UI based platform. This platform can be easily used in many other systems. Also, “The Writer Next Door” is user friendly. Generally, writers need to reach out to people themselves to gain engagement which is quite time and effort consuming. This all information has to be managed manually. So, there is a need to develop a platform that can solve the mentioned problem. Thus, “The Writer Next Door” comes with just that solution.

## **REFERENCES:**

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- [www.w3school.com](http://www.w3school.com)
- [www.tutorialspoint.com](http://www.tutorialspoint.com)
- [www.youtube.com](http://www.youtube.com)
- <https://web.learncodeonline.in/>
  
- **Book References-**
  - **Learning JS, CSS & HTML5 by Robin Nixon**
  
- **Faculty Mentor:**
  - **Mr. Pankaj Kapoor**

## **OUR PROJECT URL**

### **GitHub URL:**

[https://yashsrivstav.github.io/full\\_stack\\_project/](https://yashsrivstav.github.io/full_stack_project/)