Visvesvaraya Technological University Belagavi,

Karnataka – 590018

Internship project report
on

"VIDEO STREAMING PLATFORM USING WEB TECHNOLOGY"

Submitted by

Sindhur V Shabaraya	1JS21CS145
Rakshitha Patel	1JS21CS114

Under the guidance of

Mrs. Rashmi B.N. B.E, MTech
Assistant professor, Dept. of CSE,
JSSATE, Bengaluru

Mrs. Namitha S.J B. E, M. Tech
Assistant professor, Dept. of CSE
JSSATE, Bengaluru

JSS Academy of Technical Education, Bengaluru – 560060,

Department of Computer Science and Engineering

2022-2023

JSS Mahavidyapeetha, Mysuru

JSS Academy of Technical Education

JSS Campus, Uttarahalli – Kengeri Main Road, Bengaluru – 560060

Department of Computer Science and Engineering

CERTIFICATE

This is to certify that the project work entitled "**VIDEO STREAMING PLATFORM"** carried out by **Sindhur V Shabaraya & Rakshitha Patel** bearing the **USN 1JS21CS145 & 1JS21CS114** of 3rd semester **Bachelor of Engineering** in **Computer Science and Engineering** of the **Visvesvaraya Technological University , Belagavi** during the academic year 2022-2023.

Mrs. Rashmi B.N. B.E, MTech Ph.D.	**Mrs. Namitha S.J.** B.E, MTech	**Dr. Naveen N.C.** B.E, MTech,
Asst prof , Dept. of CSE,	**Asst prof, Dept. of CSE**	**Professor and Head**
JSSATE,Bengaluru.	**JSSATE,Bengaluru.**	**Dept. Of CSE,**
		JSSATE,Bengaluru.

ACKNOWLEDGEMENTS

I express my humble greetings to his holiness **Jagadguru Sri Shivarathri Deshikendra Mahaswamijigalavaru** who has showered their blessings on us for framing our career successfully.

The completion of any project involves the efforts of many people. I've been lucky to have received a lot of help and support from Indian Railway aspirants and all other quarters, during the making of this project. I take this opportunity to acknowledge all those, whose guidance and encouragement helped me emerge successful.

I am thankful to the resourceful guidance, timely assistance and graceful gesture of my guide **Mrs. Namitha S.J.** and **Mrs. Rashmi.B.N**, Assistant professor, Department of Computer Science and engineering, who helped me in every aspect of my project work.

I am also indebted to **Dr. Naveen N.C.**, Professor and head of department of Computer Science and engineering for the facilities and support extended towards us.

I express our sincere thanks to our beloved principal, **Dr. Bhimasen Soragaon** for having supported us in our academic endeavors.

Last but not the least, I am pleased to express our heart full thanks to all the teaching and non-teaching staff of department of Computer and Science engineering and my friends who have rendered their help, motivation and support.

Regards,

Sindhur V Shabaraya & Rakshitha Patel
1JS21CS145 1JS21CS114

ABSTRACT

This project was implemented with an idea of providing the similar experience to the user as that of any OTT platforms that stream videos like netflix , prime video , etc . The project mainly aims at showcasing our skills on frontend tools like HTML , CSS , Javascript. The main idea was to create this video streamer from scratch and master the concepts of frontend web development .

While building this project , we gained the complete experience about website building , structuring, styling the webpage and making it functional too. This project involves a login page , sign in page and the content page which were created using HTML, many unique features were added through CSS and javascript . The code written was executed using "VS Code" , which provided many built-in features that made our work easy .

TABLE OF CONTENT

Chapter no	Chapter name	Page No
1.	Introduction	1
2.	Frontend web development	2-3
3.	Video Streaming Platform	4
4.	Code and their outputs	5-26
5.	Conclusions	27
6.	References	27

List of Figures

Figure no	Figure name	Page No
Fig 4.1	Sign Up page	5
Fig 4.2	Login page	5
Fig 4.3	Home Page	5
Fig 4.4	Profile drop down menu	6
Fig 4.5	Languages drop down menu	6
Fig 4.6	Search Bar	6
Fig 4.7	Play Button Hover Image	7
Fig 4.8	Movie slider with arrow functionality	7
Fig 4.9	Movie hover effect	7
Fig 4.10	Footer image	8
Fig 4.11	Movie slider translating image	8
Fig 4.12	Trailer played with “go back” functionality	8