

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**  
"Jnana Sangama", Belagavi-560014, Karnataka



PROJECT REPORT ON

**"CONTINUOUS INTEGRATION AND CONTINUOUS  
DEPLOYMENT USING DEVOPS"**

*SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE  
PROJECT*

**BACHELOR OF ENGINEERING  
IN  
COMPUTER SCIENCE & ENGINEERING**

**Submitted By**

**SRUJAN H K [1SV19CS072]**  
**SUHAS H B [1SV19CS076]**  
**VARSHINI J [1SV19CS082]**  
**YATHISH GOWDA K H [1SV19CS085]**

Under the guidance of

**Dr. Basavesha D** BE.,M.Tech.,PhD

Associate Professor,

Dept. of CSE, SIET, Tumakuru

*N. Srinivas Kumar*  
PRINCIPAL  
SIET, Tumakuru



Department of Computer Science and Engineering

**SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY**  
(Affiliated To Visvesvaraya Technological University)

Sira Road, Tumakuru – 572106, Karnataka.

2022-2023



Sri Shridevi Charitable Trust (R.)  
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(Approved by AICTE, New Delhi, Recognised by Govt. of Karnataka and Affiliated to Visvesvaraya Technological University, Belagavi)

ESTD: 2002

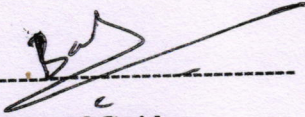


DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

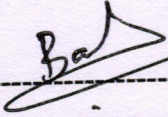
CERTIFICATE

This is to certify that, Internship project report of entitled "CONTINUOUS INTEGRATION AND CONTINUOUS DEPLOYMENT USING DEVOPS" has been Successfully carried out by SRUJAN H K [ISV19CS072], SUHAS H B [ISV19CS076], VARSHINI J [ISV19CS082], YATHISH GOWDA K H [ISV19CS085] in partial fulfillment for the project report of **Bachelor of Engineering in Computer Science & Engineering** of the **Visvesvaraya Technological University, Belagavi** during the academic year **2022-23**. It is certified that all the corrections/suggestions indicated for internal assessments have been incorporated in the report. The Project report has been approved as it certifies the academic requirements in respect of Project work prescribed for the Bachelor of Engineering Degree.

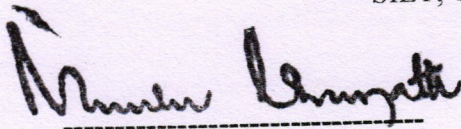
Signature of Guide

  
**Dr. Basavesha D** BE., M.Tech., PhD  
Associate Professor & HOD  
Dept. of CSE,  
SIET, Tumakuru.

Signature of H.O.D

 26/5/23  
**Dr. Basavesha D** BE., M.Tech., PhD  
Associate Professor & HOD  
Dept. of CSE,  
SIET, Tumakuru.

Signature of Principal


  
**Dr. Narendra Viswanath** M.E., Ph.D., MIE, MISTE, MIWS., FIV.,  
Principal,  
SIET, Tumakuru

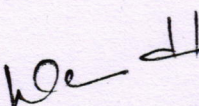
Name of the Examiners

1. Dr. Basavesha D

2. Wagim Uddin

Signature with date

 26/5/23

 26/5/23



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EDUCATION

Sri Shridevi Charitable Trust (R.)

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ESTD: 2002



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### DECLARATION

We, SRUJAN H K [1SV19CS072], SUHAS H B [1SV19CS076], VARSHINI J [1SV19CS082], YATHISH GOWDA K H [1SV19CS085] student of VIII semester B.E in Computer Science & Engineering, at Shridevi Institute of Engineering & Technology, Tumakuru, hereby declare that, the Project work entitled "CONTINUOUS INTEGRATION AND CONTINUOUS DEPLOYMENT USING DEVOPS" embodies the report of our Project work carried out under the guidance of Dr. Basavesha D, Associate Professor & HOD, Department of CSE, SIET, Tumakuru as partial fulfillment of requirements for the Project report in Bachelor of Engineering in Computer Science & Engineering of Visvesvaraya Technological University, Belagavi, during the academic year 2022-23. The Project has been approved as it satisfies the academic requirements in respect to the Project work.

Place: Tumakuru

Date: 26/5/2023

Student Name & Signature

SRUJAN H K

[1SV19CS072]

*Srujan H K*

SUHAS H B

[1SV19CS076]

*Suhas H B*

VARSHINI J

[1SV19CS082]

*Varshini J*

YATHISH GOWDA K H [1SV19CS085]

*Yathish Gowda KH*

*Basavesha D*

PRINCIPAL  
SIET, TUMKUR.

## ACKNOWLEDGEMENT

This Project will be incomplete without thanking the personalities responsible for this venture, which otherwise would not have become a reality.

We express our profound gratitude to **Dr. Narendra Viswanath**, Principal, S.I.E.T, for his moral support towards completing our Project work.

We would like to thank Head of Department **Dr. Basavesha D** Head, Department of CSE, SIET for providing all the support and facility.

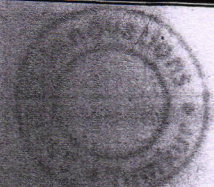
We would like to thank my guide **Dr. Basavesha D** Associate Professor, Department of Computer Science and Engineering, SIET for his help, sharing his technical expertise and timely advice.

We would like to express our sincere gratitude to all teaching and non-teaching faculty of the department of CSE for guiding us of this project by giving valuable suggestion and encouragement.

By,

SRUJAN H K	[1SV19CS072]
SUHAS H B	[1SV19CS076]
VARSHINI J	[1SV19CS082]
YATHISH GOWDA K H	[1SV19CS085]

*Narendra Viswanath*  
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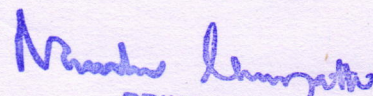
## TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr. SRUJAN H K** bearing USN **1SV19CS072** Student of **Shridevi Institute of Engineering & Technology** has successfully completed his Project Work titled "Continuous Integration and Continuous Deployment Using DEVOPS".

We wish every success in his career.

For ShriTEK Innovations

  
Authorized Signature

  
PRINCIPAL  
SIET. TUMKUR.





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✉ : shritekinnovations@gmail.com

Date: 23/05/2023

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Ms. VARSHINI J** bearing USN **1SV19CS082** Student of **Shridevi Institute of Engineering & Technology** has successfully completed her Project Work titled "Continuous Integration and Continuous Deployment Using DEVOPS".

We wish every success in her career.

For ShriTEK Innovations

PRINCIPAL  
SIET. TUMKUR.

Authorized Signature





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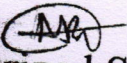
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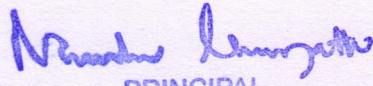
## TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr. YATHISH GOWDA K H** bearing USN **1SV19CS085** Student of **Shridevi Institute of Engineering & Technology** has successfully completed his Project Work titled "Continuous Integration and Continuous Deployment Using DEVOPS".

We wish every success in his career.

5  
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Authorized Signature

  
PRINCIPAL  
SIE T. TUMKUR.

