BASAVARAJESWARI GROUP OF INSTITUTIONS

Ballari Institute of Technology & Management

AUTONOMOUS INSTITUTE UNDER VISVESVARAYA TECHNOLOGICAL UNIVERSITYJNANA SANGAMA, ${\tt BELAGAVI~590018}$

INTERNSHIP

Report On VIRTUAL NETWORK CONFIGURATION

Submitted in partial fulfillment of the requirements for the award of degree of

Bachelor of Engineering In COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)

Submitted by

SHAGUFTHA NIKHAR – 3BR23CD087

Internship Carried Out By EZ TRAININGS & TECHNOLOGIES PVT.LTD HYDERABAD

Internal Guide

External Guide

Parvathi

Vishal Kumar

Asst.prof,CSE(DS)

Technical Trainer

Anushya.V.P

Asst. prof,CSE(DS)

BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT

NACC Accredited Institution*

(Recognized by Govt. of Karnataka, approved by AICTE, New Delhi & Affiliated to Visvesvaraya Technological University, Belagavi)

"Jnana Gangotri" Campus, No.873/2, Ballari-Hospet Road, Allipur, Ballar1-583 104 (Karnataka) (India) Ph: 08392 – 237100 / 237190, Fax: 08392 – 237197

2023-2024

BASAVARAJESWARI GROUP OF INSTITUTIONS

BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT

Autonomous institute under VISVESVARAYA TECHNOLOGICAL UNIVERSITYJNANA SANGAMA,

RELAGAVI 59001



NACC Accredited Institution*
(Recognized by Govt. of Karnataka, approved by AICTE, New Delhi & Affiliated to
Visvesvaraya Technological University, Belagavi)

"JnanaGangotri"Campus,No.873/2,Ballari-HospetRoad,Allipur, Ballar1-583 104 (Karnataka)(India) Ph: 08392 – 237100 / 237190, Fax: 08392 –237197

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)

CERTIFICATE

This is to certify that the Internship entitled "VIRTUAL NETWORK CONFIGURATION" has been successfully completed by SHAGUFTHA NIKHAR bearing USN 3BR23CD087 bonafide students of Ballari Institute of Technology and Management, Ballari. For the partial fulfillment of the requirements for the Bachelor's Degree in Computer Science and Engineering (Data Science) of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, Belagavi during the academic year 2023-2024.

Signature of Internship

Co-ordinator Signature of HOD

Parvathi Aradhana.D

Ass.prof.CSE(DS) Prof. and HOD of CSE(DS)

Anushya.V.P

Ass.prof.CSE(DS)

DECLARATION

I, SHAGUFTHA NIKHAR, second year student of Computer Science And Engineering(Data Science), Ballari Institute Of Technology And Management, Ballari, declare that Internship entitled VIRTUAL NETWORK CONFIGURATION is a part of internship Training successfully carried out by EZ TECHNOLOGIES & TRAININGS PVT.LTD, HYDERABAD at "BITM,BALLARI". This report is submitted in partial fulfilment of requirements for the award of the degree, Bachelor of Engineering in Computer Science And Engineering(Data Science) of the Visvesvaraya Technological University, Belagavi.

Date: 28/09/2024 Signature of the Student

Place: Ballari

ACKNOWLEDGEMENT

The satisfactions that a company the successful completion of my internship on "VIRTUAL NETWORK CONFIGURATION" would be incomplete without the mention of people who made it possible, whose noble gesture, affection, guidance, encouragement and support crowned my efforts with success. It is my privilege to express my gratitude and respect to all those who inspired me in the completion of my internship.

I am grateful to our respective coordinators "Parvathi (Asst.prof,CSE(DS)), Anushya.V.P (Asst.prof,CSE)" for their noble gesture, support co-ordination and valuable suggestions given to us in the completion of Internship.

I also thank Aradhana D, H.O.D. Department of **Computer science and engineering(Data science)** for extending all her valuable support and encouragement.

Table of Contents

Chapter No.	Chapter Name	Page No.
1	Day to Day activities	01
2	Company profile	03
3	Abstract	04
4	Introduction of the project	05
5	Module description	06-08
6	Algorithm / flowchart	9-10
7	Source code	11-13
8	Output	14
9	Conclusion	15
10	Reference	16