A REPORT OF FOUR WEEK TRAINING

at

Guru Nanak Dev Engineering College

SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE AWARD OF THE DEGREE OF

BACHELOR OF TECHNOLOGY

(Computer Science and Engineering)

JUNE-JULY, 2022

SUBMITTED BY:

Vansh

2104212

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

GURU NANAK DEV ENGINEERING COLLEGE LUDHIANA

GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA

CANDIDATE'S DECLARATION

I Vansh hereby declares that I have undertaken four-week training Guru Nanak Dev Engineering College during a period from July to August in partial fulfilment of requirements for the award of degree of B.Tech. (Computer Science and Engineering) at Guru Nanak Dev Engineering College, Ludhiana. The work which is being presented in the training report submitted to Department of Computer Science and Engineering at Guru Nanak Dev Engineering College, Ludhiana is an authentic record of training work.

Name Of Students	Signature of Students
1.	
2.	
3.	

The four-week industrial training Viva–Voce Examination of_____ has been held on _____ and accepted.

Signature of Internal Examiner

Signature of External Examiner

Abstract

It all started with Internet (1960s) and the World Wide Web - WWW (1991). The first Web Browser, Netscape, came in 1994. This was the beginning of a new era, where everything is connected on internet

The methods by which computers communicate with each other through the use of markup languages and multimedia packages is known as **Web Technology**. In the past few decades, web technology has undergone a dramatic transition, from a few markup web pages to the ability to do very specific work on a network without interruption.

Internet has become the number one source to information, and many of the traditional software applications have become Web Applications. Web Applications have become more powerful and can fully replace desktop application in most situations. That's why you need to know basic Web Programming, including HTML, CSS and JavaScript.

To create more powerful Web Sites and Web Applications you also need to know about Web Servers, Database Systems and Web Frameworks like NodeJS, React, PhP, JavaScript etc. The use of web application frameworks can often reduce the number of errors in a program, both by making the code simpler, and by allowing one team to concentrate on the framework while another focuses on a specified use case. In applications which are exposed to constant hacking attempts on the Internet, security-related problems can be caused by errors in the program. Frameworks can also promote the use of best practices such as GET after POST.

Acknowledgement

Firstly, I would like to thanks to Mrs Priti Aggarwal, because he always supported and guided me while doing this project. He very well cleared all the doubts I had regarding this project. Also, I would like to especially thank my parents and friends who helped me a lot to complete this project within the limited time. The journey of making this project has been beautiful, as well as knowledgeable for me and I have learned a lot from it.

Once again, thanks to everyone who was involved me with this project from beginning to end.

List of Figures

List of tables

Table of Contents