

**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)**



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## 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**

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