

**A
Seminar Report
on**

**Web Development Using
(HTML , CSS & JAVASCRIPT)
Under the company “Cognify”**

**Submitted in partial fulfilment of requirement for the award Of
BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE &
ENGINEERING**

Submitted by:

Vishnu Majumdar (21027171)

Submitted to:

Vaibhav Kant Singh

**(Assistant Prof., Dept. of Computer Science & Engineering) Guru Ghasidas
Vishwavidyalaya**



**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING,
SCHOOL OF STUDIES, ENGINEERING & TECHNOLOGY
GURU GHASIDAS VISHWAVIDYALAYA BILASPUR, (C.G), INDIA
2024 - 2025**

Internship Completion Certificate

Date - 21/06/2024

This is to certify that **VISHNU MAJUMDAR (Intern ID: CTI/A1/C19945)** currently pursuing a B.Tech CSE from The Guru Ghasidas University Bilaspur Chhattisgarh, was working as a **Web Development** with Cognifyz Technologies from 20 May 2024 - 20 June 2024.

During this period, he has served as a Web Development Intern and has displayed remarkable dedication, sincerity, and a strong desire to learn. He has exhibited exceptional coordination skills and effective communication abilities. Moreover, his attention to detail has been truly impressive.

He has consistently approached new assignments and challenges with enthusiasm, showcasing his passion for Web Development. His commitment and willingness to acquire new knowledge and skills have been evident throughout his internship.

We extend our best wishes to Vishnu Majumdar for a successful future, and we have no doubt that he will continue to excel in the field of Web Development.



With Regards,
Cognifyz Technologies



ABSTRACT:

A web development internship offers hands-on experience in creating and maintaining websites and web applications. It typically covers both front-end and back-end development, exposing interns to essential technologies like HTML, CSS, JavaScript, and server-side programming languages. Interns learn to build responsive, user-friendly interfaces, manage databases, and integrate various web services. Additionally, they gain practical knowledge of version control, debugging, and deployment processes. The internship often emphasizes collaboration, problem-solving, and project management skills, preparing interns for real-world challenges in the web development industry, and helping them build a professional portfolio.

. During the internship, interns learn to create responsive, user-friendly interfaces. Responsive design is crucial because it ensures that websites function well on a variety of devices, from desktops to mobile phones. This involves understanding how to use CSS frameworks like Bootstrap, as well as media queries to adjust layouts based on screen size. Additionally, interns may work with front-end frameworks such as React or Angular, which help streamline the development process by offering reusable components and state management tools.

Database management is another critical component of back-end development. Interns learn to work with both SQL (Structured Query Language) and NoSQL databases, understanding how to store, retrieve, and manage data efficiently. They also explore concepts such as RESTful APIs (Application Programming Interfaces), which allow different software systems to communicate with each other. This knowledge is essential for integrating various web services and ensuring that data flows seamlessly between the front-end and back-end of an application.