

# DIGITAL PORTFOLIO

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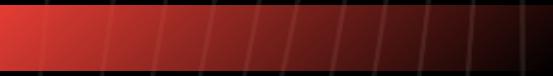
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**Department:Bsc.computer science**



WEB DEVELOPMENT

FORM CREATION

TABLE CREATION

## AGENDA :

- 1. Problem Statement
- 2. Project Overview
- 3. End Users
- 4. Tools and Technologies
- 5. Portfolio design and Layout
- 6. Features and Functionality
- 7. Results and Screenshots
- 8. Conclusion
- 9. Github Link

- PROBLEM STATEMENT:

**FOR FORM CREATION:** Design and develop a web-based application form using HTML, CSS, and JavaScript that collects essential user information and provides real-time validation

**FOR TABLE CREATION:** Design and develop a employee records table using HTML, CSS, and JavaScript that displays and organizes employee information in a clear and interactive manner

# PROJECT OVERVIEW



- This project demonstrates the creation of a job application Portal using HTML, CSS, and JavaScript. It consists of two main modules: a application form and a job applicatin table. The application form collects user details such as name, email, phone, gender, course, and address
- . Form fields are validated using JavaScript to ensure correct input (e.g., email format, phone number pattern, required fields).
- The form is styled with CSS to provide a clean, user-friendly, and responsive design. The student application table displays employee information in a structured format with columns for Roll No, Name, Course, Marks, and Grade
- CSS is used to style the table with alternate row colors, hover effects, and responsiveness. JavaScript adds interactivity by enabling column sorting and a search feature to filter records.
- This makes it easy to organize, find, and manage student details. The project highlights frontend web development skills including layout design, styling, and client-side scripting

# WHO ARE THE END USER

- 1. For Tech or Software Roles
  - End users are the people who will ultimately use the software, app, or system you help build or support.
  - Example: If you're applying for a front-end developer job, your end users might be customers interacting with a website or app.
- 2. For Customer Service or Support Roles
  - The end users are typically clients or customers who need help with a product or service.
  - Example: In an IT support job, the end user could be an employee needing help with their computer or software.
- 3. For Internal Company Roles
  - End users might be colleagues or departments within the company who rely on your work.
  - Example: A data analyst's end users could be the marketing team using reports to make decisions.<sup>1</sup>

## TOOLS AND TECHNIQUES:

- ◆ TOOLS USED: HTML5- FOR CREATING THE STRUCTURE OF THE FORM AND TABLE. CSS3- FOR STYLING (COLORS, FONTS, BORDERS, HOVER EFFECTS, RESPONSIVENESS). JAVASCRIPT- FOR ADDING VALIDATION TO THE FORM, SORTING, AND SEARCHING IN THE TABLE. TEXT EDITOR / IDE- E.G., VISUAL STUDIO CODE, SUBLIME TEXT, OR NOTEPAD++. WEB BROWSER- E.G., GOOGLE CHROME / MOZILLA FIREFOX FOR TESTING AND EXECUTION. TECHNIQUES
- ◆ TECHNIQUES APPLIED:
  1. Form Creation Techniques
    - Input fields (text, email, tel, date, radio, checkbox, file upload).
    - Validation using HTML attributes (required, pattern, minlength) and JavaScript.
    - CSS styling for user-friendly interface.
  2. Table Creation Techniques
    - Table structure with

# PORTFOLIO DESIGN AND LAYOUT

# FEATURES AND FUNCTIONALITY

## FORM CREATION

- User-friendly form with labeled fields (Name, Email, Phone, DOB, etc.).
- Validation using HTML5 and JavaScript (required fields, email format, number limits).

## TABLE CREATION

- Structured data display using rows and columns.  
Styled layout with CSS (borders, alternating row colors, hover effects).
- Dynamic update (new entries can be added from form into table).

# RESULT AND OUTPUT :

← → G naukri.com/registration/createAccount?flow=g&utmContent=google-one-tap&othersrcp=41088&redirectUrl=https%3A%2F%2Fwww.naukri.com%2F

Full name\*

What is your name?

Continue with

Or

Google

Email ID\*

Tell us your Email ID

We'll send relevant jobs and updates to this email

Password\*

(Minimum 6 characters)

This helps your account stay protected

Mobile number\*

+91 Enter your mobile number

Recruiters will contact you on this number

Work status\*

I'm experienced

I have work experience (excluding internships)

I'm a fresher

I am a student/ Haven't worked after graduation

Send me important updates & promotions via SMS, email, and WhatsApp

FN

By clicking Register, you agree to the [Terms and Conditions](#) & [Privacy Policy](#) of Naukri.com

## Result and output

1.1	Customer Service Oriented	<input type="checkbox"/>				
1.2	Communication Skill	<input type="checkbox"/>				
1.3	Eagerness to Learn	<input type="checkbox"/>				
1.4	Team work	<input type="checkbox"/>				
1.5	Leadership	<input type="checkbox"/>				
1.6	Work under pressure	<input type="checkbox"/>				
2	Responsibility					
2.1	Attendance/Punctuality	<input type="checkbox"/>				
2.2	Work on Deadline	<input type="checkbox"/>				
2.3	Willingness to take more responsibilities	<input type="checkbox"/>				
2.4	Open to feedback	<input type="checkbox"/>				
3	Competency					
3.1	Creativity	<input type="checkbox"/>				
3.2	Productivity	<input type="checkbox"/>				
3.3	Ability to work independently	<input type="checkbox"/>				

## Conclusion :

- The integrity of any organization's hiring and workforce management practices hinges on the thoughtful handling of job applications and employee records. A well-structured job application process not only ensures the selection of qualified candidates but also lays the foundation for transparent and equitable hiring decisions. Meanwhile, maintaining accurate and comprehensive employee records is essential for legal compliance, performance tracking, and operational efficiency.