



Report
for
"Full stack Web Development"

Submitted By:-

Members

1.Siddhant Mishra

University Roll no.

2000100100174

Submitted To:- Kuldeep Sir

**Department of Computer Science
United college of Engineering & Research
Dr. A.P.J. Abdul kalam technical University**



A-31, UPSIDC, Industrial Area, Naini,
Prayagraj ,211010

Website:-www.united.ac.in
Contact:- 0532-2402951

SR No.	Topic	Pg No.
1.	Introduction	3-4
2.	Problem Statement	5
3.	Aim	6
4.	Objective	7
5.	Basic Hardware & Software Requirements	8
6.	Screenshot of web page	9-11
7.	Reference	12

Introduction

Web programming, also known as web development, is the creation of dynamic web applications. Examples of web applications are social networking sites like Facebook or e-commerce sites like Amazon. There are two broad divisions of web development – front-end development (also called client-side development) and back-end development (also called server-side development).

Example of web page

The image shows two screenshots of a web browser. The top screenshot displays a login page for 'Crazy Tutorials' with a blue background. It features a navigation bar with 'HOME', 'ABOUT US', and 'CONTACT US' links, and 'LOGIN' and 'REGISTER' buttons. The main content area has the text 'Crazy Tutorials Made for Developers' and a login form with fields for 'Username' and 'Password'. A video player is embedded on the right, showing a 'Full Stack Web Development' tutorial. The bottom screenshot shows a registration page with a white background. It includes a 'Join Us' button and a 'Login' button. The registration form contains fields for 'First name', 'Last name', 'Gender' (radio buttons for Male, Female, Other), 'Birthday' (date picker), 'Contact Number', 'Email id', 'Username', 'Password', and 'Confirm Password'. There is also a 'Remember me' checkbox and 'Login', 'Cancel', and 'Register' buttons.

OmniPresent

File | file:///C:/Users/mishr/Desktop/OmniPresent/front.htm

Solve Data Structur... DSA by Shradha Di... Practice | Geeksfor... MySQL Tutorial... Coursera | Online C... TOC - Programmin... imgbox - fast, simpl... JS Bin - Collaborati... Solve PSD_DP_383...

HOME ABOUT US CONTACT US LOGIN REGISTER

Crazy Tutorials

Made for Developers

Username:

Password:

Introduction to Web Development (Full Stack Web)

Learn HTML | CSS | JavaScript | Git | Bootstrap | Sass | S...
Express JS | Node JS | MongoDB | MacOS | Atom | API

Watch on YouTube

The way of Learning

OmniPresent

Join Us Login

File | file:///C:/Users/mishr/Desktop/OmniPresent/register.html

Solve Data Structur... DSA by Shradha Di... Practice | Geeksfor... MySQL Tutorial... Coursera | Online C... TOC - Programmin... imgbox - fast, simpl... JS Bin - Collaborati... Solve PSD_DP_383...

First name:

Last name:

Gender: ☐ Male ☐ Female ☐ Other

Birthday:

Contact Number:

Email id:

Username:

Password

Confirm Password

☒ Remember me

HTML

HTML is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets (CSS) and scripting languages such as JavaScript. Web browsers receive HTML documents from a web server or from local storage and render the documents into multimedia web pages. HTML describes the structure of a web page semantically and originally included cues for the appearance of the document.

CSS

(CSS) is a style sheet language used for describing the presentation of a document written in a markup language such as HTML or XML (including XML dialects such as SVG, MathML or XHTML). CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.

JAVASCRIPT

JavaScript, often abbreviated as JS, is a programming language that is one of the core technologies of the World Wide Web, alongside HTML and CSS. As of 2022, 98% of websites use JavaScript on the client side for webpage behavior.

Problem Statement

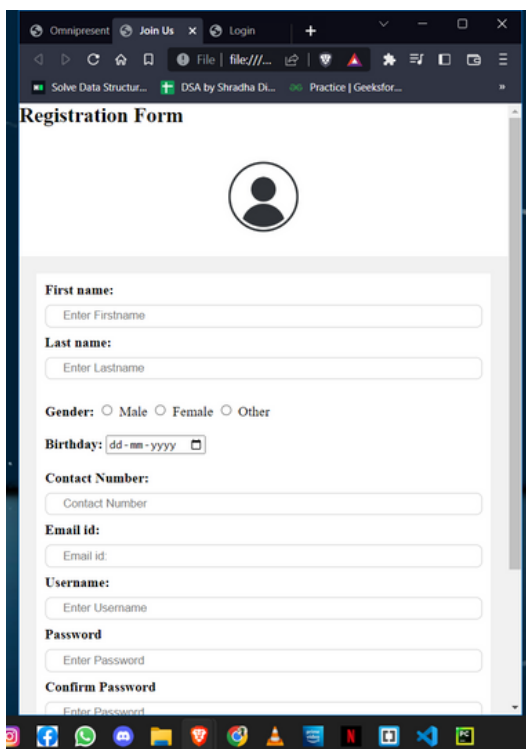
Web application development challenges during planning

- Clearly defining your goals.
- Choosing the right technique.
- UI & simplistic design.
- Performance and speed.
- Scalability.
- Web security threats.
- Keeping the backend clean and understanding for others.

Aim Of the Project:-

- Understand the principles of creating an effective web page, including an in-depth consideration of architecture using CSS
- Become familiar with designing principles that relate to web design and learn how to implement theories into practice.
- Develop skills in analyzing the usability of a web site.
- Learn the language of the web: HTML CSS and Javascript.
- Learn CSS grid layout and navigation.
- Learn techniques of responsive web design, including media queries.
- Develop basic programming skills using Javascript .
- Be able to embed social media content into web pages.

Responsive version

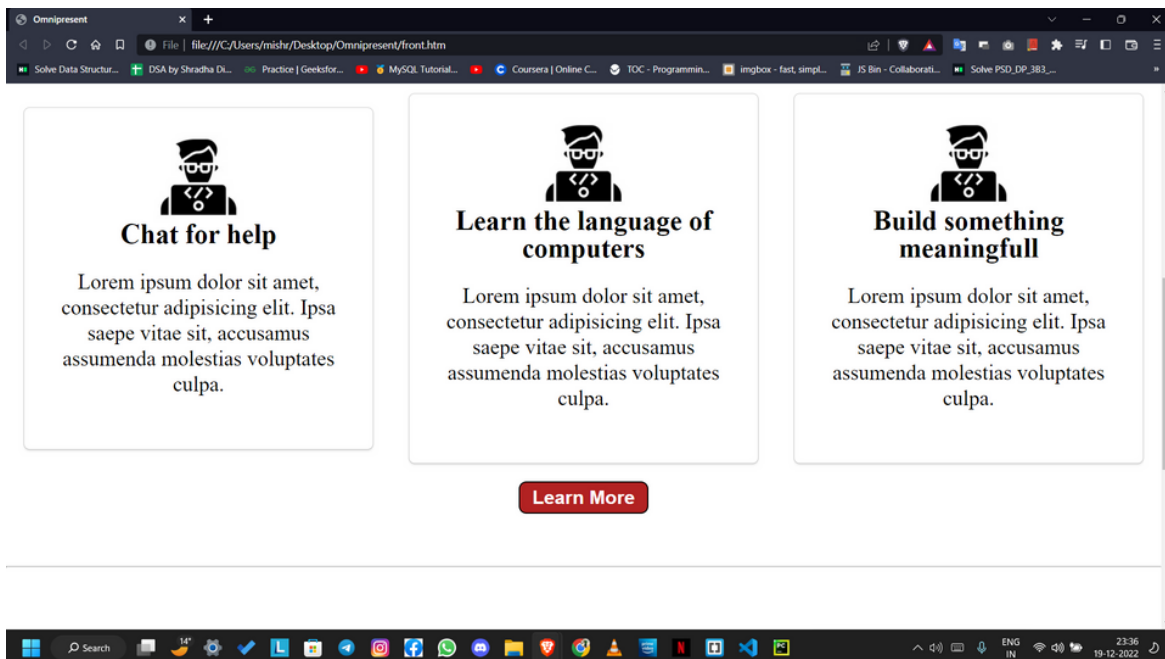


The image shows a mobile browser window displaying a registration form titled "Registration Form". The browser's address bar shows "file:///..." and the page has tabs for "Join Us" and "Login". The form includes a circular profile picture placeholder at the top. Below it, the fields are: "First name:" with a text input "Enter Firstname"; "Last name:" with a text input "Enter Lastname"; "Gender:" with radio buttons for "Male", "Female", and "Other"; "Birthday:" with a date picker set to "dd-mm-yyyy"; "Contact Number:" with a text input "Contact Number"; "Email id:" with a text input "Email id"; "Username:" with a text input "Enter Username"; "Password" with a text input "Enter Password"; and "Confirm Password" with a text input "Enter Password". The browser's bottom status bar shows various app icons.

Objective:-

To develop a functional webpage using HTML, CSS, Javascript, node js and the site should be responsive according to devices like mobile ,tablets etc.

In this project, we are trying to develop a website that is to be used for educational purposes and to post blogs and various others courses, and it should be able to store the data of registered users

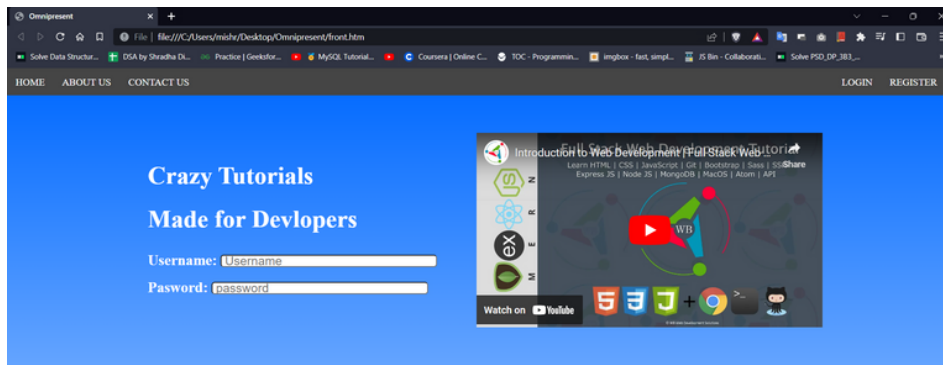


Basic Hardware and Software Requirement:-

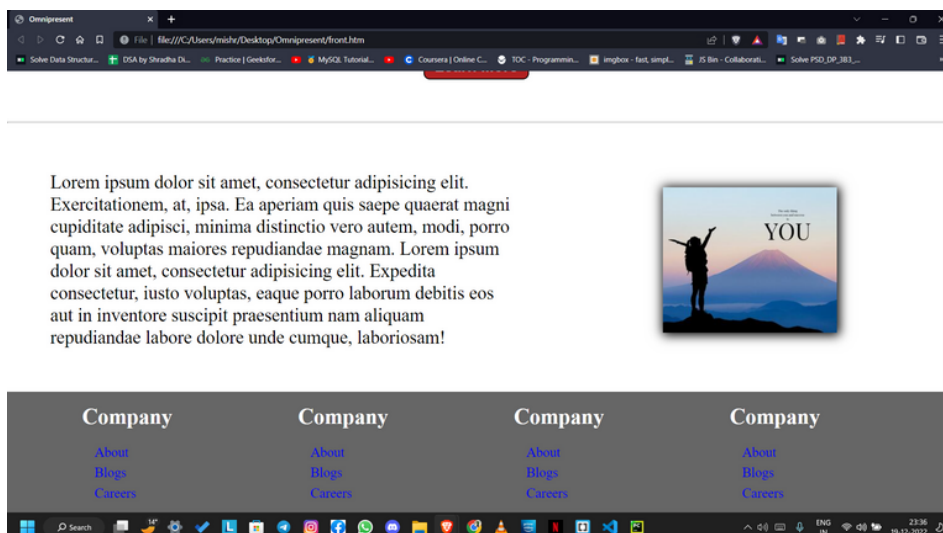
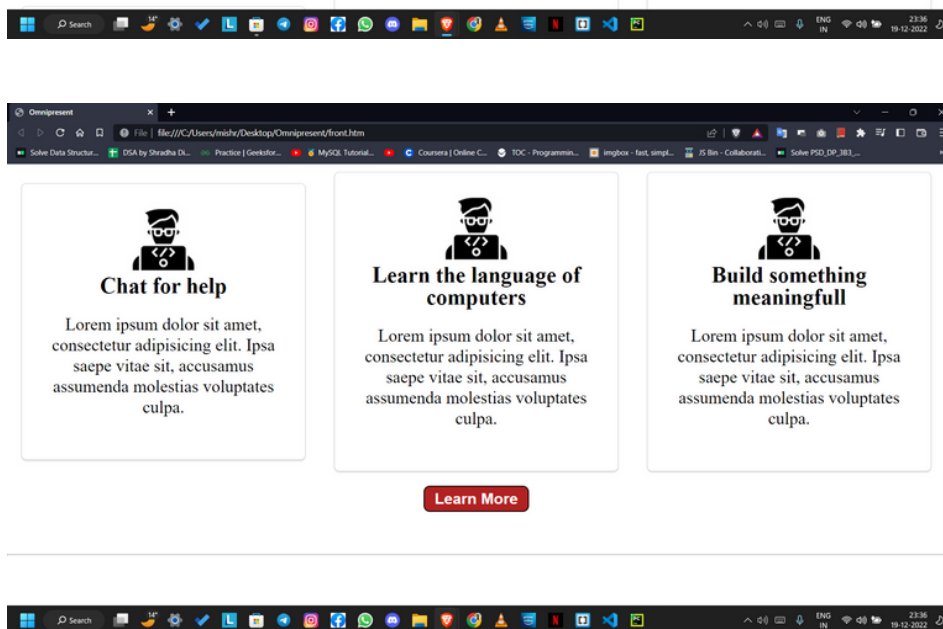
1. Operating System : Windows8/10/11
or 64-bit,Ubuntu14.04+,Debian 8+,
openSUSE 13.3+, Fedora Linux 24+
2. Processor : Intel Pentium 4
or later
3. System Type: 64/32bit
4. Storage Required: 2gb minimum
4gb recommended
5. RAM Required: 2GB
6. Internet connection Required

Screenshot of web page

Homepage



The way of Learning




Login and registrarion

OmniPresent Login

File | File:///C:/Users/mishu/Desktop/OmniPresent/login.html

Solve Data Structur... DSA by Shradha DL... Practice | Geeksfor... MySQL Tutorial... Coursera | Online C... TOC - Programmin... imgbox - fast, simpl... JS Bin - Collaborati... Solve PSD_DP_383...

Login Page



Username

Password

☒ Remember me


Windows taskbar: Search, 14°C, 23:36, 19-12-2022

OmniPresent Join Us

File | File:///C:/Users/mishu/Desktop/OmniPresent/register.html

Solve Data Structur... DSA by Shradha DL... Practice | Geeksfor... MySQL Tutorial... Coursera | Online C... TOC - Programmin... imgbox - fast, simpl... JS Bin - Collaborati... Solve PSD_DP_383...

Registration Form



First name:

Last name:

Gender: ☐ Male ☐ Female ☐ Other

Birthday: dd-mm-yyyy

Contact Number:

Windows taskbar: Search, 14°C, 23:36, 19-12-2022

OmniPresent Join Us

File | File:///C:/Users/mishu/Desktop/OmniPresent/register.html

Solve Data Structur... DSA by Shradha DL... Practice | Geeksfor... MySQL Tutorial... Coursera | Online C... TOC - Programmin... imgbox - fast, simpl... JS Bin - Collaborati... Solve PSD_DP_383...

First name:

Last name:

Gender: ☐ Male ☐ Female ☐ Other

Birthday: dd-mm-yyyy

Contact Number:

Email id:

Username:

Password

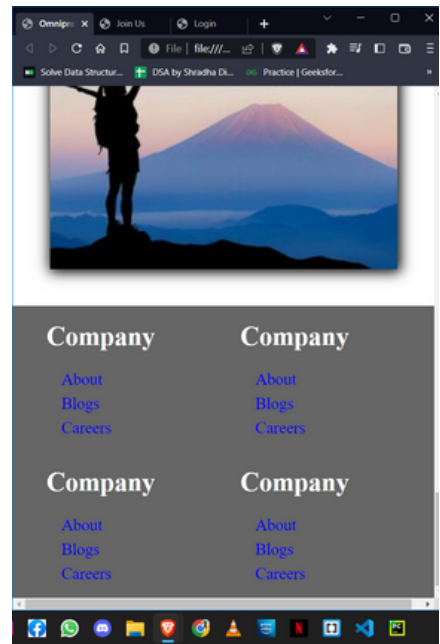
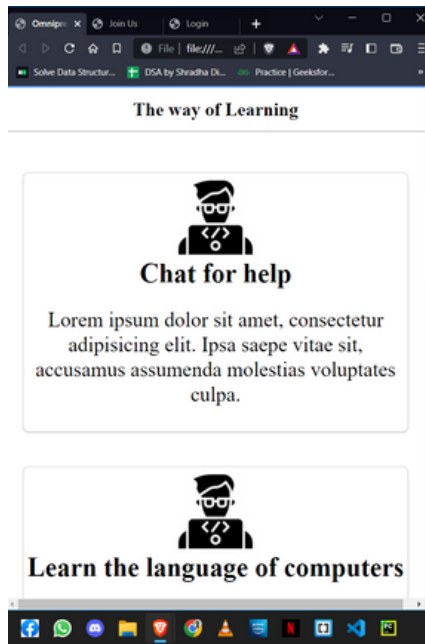
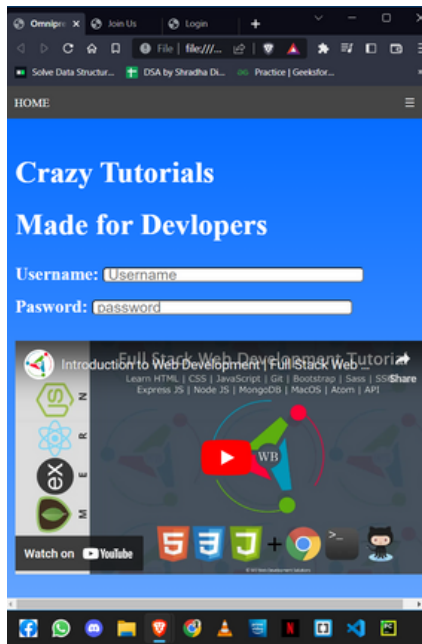
Confirm Password

☒ Remember me

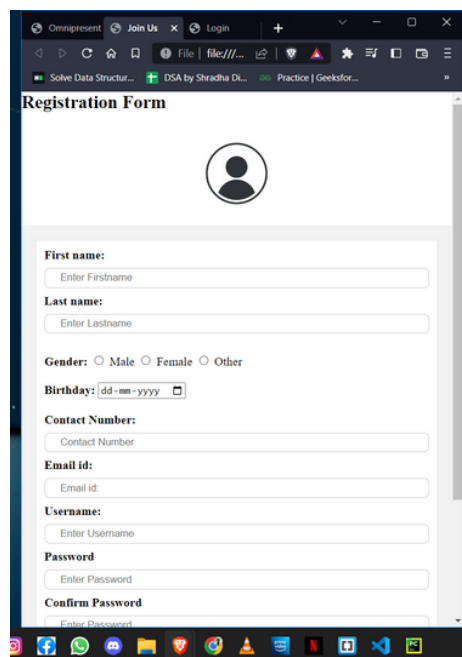
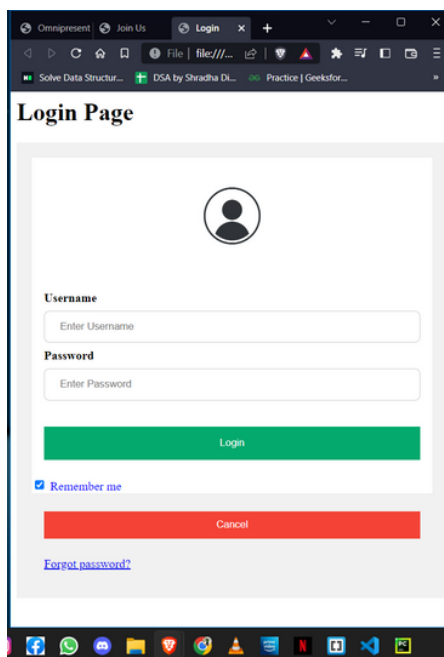
Windows taskbar: Search, 14°C, 23:36, 19-12-2022

Responsive version of webpage

Homepage



Login and Registration



Reference:-

1.Text:-

Full stack reference by Kuldeep sir

Full stack development by W3schools

2.Web source:-

<https://www.w3schools.com/>

[https://www.youtube.com/playlist?
list=PLwoh6bBAszPrES-EOajos_E9gvRbL27wz](https://www.youtube.com/playlist?list=PLwoh6bBAszPrES-EOajos_E9gvRbL27wz)