LONG-TERMINTERNSHIP
2023-2024

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VISAKHAPATNAM

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LONG TERM INTERNSHIP

Introduction:

1. About Web Development?-

web development is the process of creating websites and web applications.

- Components:
  - Front end: The part of a website that users see and interact with. It includes elements like text, images, buttons, and forms.
  - Backend: The behind-the-scenes part that handles data, databases, and server operations.
  - Languages and Technologies:
    - HTML: Used for structuring web content.
    - CSS: Styles the content (colors, fonts, layout).
    - JavaScript: Adds interactivity (animations, form validation).
    - PHP, Python, and Java: Backend languages.
    - Databases (e.g. MySQL): Store data.

2. How websites work:

- When you visit a website, your browser sends a request to a web server.
- The server processes the request, retrieves data from databases, and generates a webpage.
- The page is sent back to your browser, which displays it.

3. Types of Websites:

- Static Websites: Fixed content (like a brochure)
- Dynamic Websites: Content changes based on user input & other factors.
- Web Applications: Interactive tools (e.g. social media, online shopping)

4. Framework and CMS:

- Frameworks: Prebuilt tools for faster development
- Content Management Systems (CMS): Platforms like Wordpress, Joomla, or Drupal that simplify website creation and management.

II. About Wordpress.

- Definition: Word press is a Content Management System (CMS)
- What It Does: It provides tools to write, edit, and manage website content easily.
- Comparison: Working on a webpage in Wordpress is similar to editing a Word or Google document
- User friendly, Versatile and Active Community.

2. Behind the Scenes:

- Written in PHP (Programming Language)
- Store Content: Uses a MySQL database
- Open Source: Anyone can use, modify, & extend it for free.

About Web development with wordpress:

1. Wordpress started as a blogging platform in the 90s and and has evolved into a complex Content Management System (CMS) capable of building any website. It comes in

two versions .com and .org. The org version is self-hosted, meaning you'll need to purchase a separate hosting plan to use it.

2. Benefits of Building a Website with Wordpress. Wordpress is free to use. though there may be costs for hosting, a domain, plugins, and a theme. it's easy to learn and customize, and there are plenty of themes and plugins available to help you create a unique browsing experience.

3. Setting your Hosting plan Before you can start building your website, you'll need to set up a hosting plan.

4. Setting up Wordpress Once your hosting plan is set up, you can install wordpress. Here are the steps involved;
- Step 1: Installing Wordpress
- Step 2: Understanding the Dashboard.
- Step 3: Choosing themes
- Step 4: Installing plugins.
- Step 5: Adding content.
- Step 6: Customizing your website.
- Step 7: Taking your website live.

Create A One-Page Website For A Hotel

Indulge in a world of luxury and Suplistication at Hotel Nestled in a serene location, our hotel offers a tranquil oasis where Guests can escape the hustle and bustle of everyday life. From the moment you step through our doors, you'll be greeted by elegant surroundings, impeccable service, and a warm, inviting atmosphere

Our hotel features a range of beautifully appointed accomodations, each designed to cater to the needs and preferences of discerning travelers. we have a perfect option to suit your needs. In addition to our comfortable accomodations, guests can enjoy an array of amenities and services. Whatever brings you to us, Make Hotel your home away from home and experience the epitome of hospitality and luxury.

Project Flow

To accomplish this, we have to complete all the activities listed below.

1. Install wordpress with XAMPP.
   Setup an Xampp environment on your local machine.
   Install wordpress locally using Xampp to create a development environment.

2. Define Brand Identity and objectives.
   Determine the brand guidelines such as colours, fonts for the Brand. Establish clear objectives for the website, such as increasing brand awareness, generating leads.

3. plan Website Structure and Content.
   create an outline of the main sections of the one-page website.

4. Install Elementor and wordpress plugins, and select a template.
   Install the Elementor Page builder plugin and essential wordpress plugins for functionality and optimization.

5. Design Layout and Visual Elements using Elementor [optional]
6. Develop website Functionality and customise Features:
Implement additional functionality and features using Wordpress plugins & custom development.
Customise elements such as Forms, navigation menus and interactive components.
7. Ensure Responsiveness and compatibility across devices:
Test the website design and Functionality on various devices.
optimise Performance and compatibility for different web browsers and OS.
8. Launch website and share the project: Prepare the website for launch by reviewing content, checking links.

Install XAMPP

Go to the XAMPP website and select the relevant download link on the homepage.
After downloading XAMPP, you will need to click and run the installer.
XAMPP will ask where to install the software and which packages you'd like to install. The default settings will work for most users. Keep clicking on the 'Next' button to finish the setup wizard.

1. Decide the Fonts
Log into your Canva acc.
Click on the "Create a design" button on the Canva homepage to start a new project.
choose the blank canvas for us to test different fonts.
once you're inside design editor, click on "Text" tab on left hand side.

A list of available Font Styles will appear. You can scroll through this list to see the different fonts.

2. Decide the Colors (using colors.co)

Select two primary colours that you think will represent your website theme. These colours should complement each other and align with the theme and tone of your presentation.

Use the colour picker to select your desired colours. You can choose one colour for primary and another for secondary elements. Such as headings and accents.

Observe the score and the preview of the colour combination provided by colors.co. A higher score indicates better contrast and readability, while a lower score may indicate that the colours don't complement each other well.

If the score is satisfactory, then you can confidently use the colours in your presentation.

3. Outline Main Sections of the Website.

Brainstorm and list down the main sections needed for the website. Make a list of at least 6 sections.

Organise these sections logically based on their importance.

Draw a simple sketch on paper to visualise the layout of website.

4. Define Content Strategy.

Identify key messages that need to be conveyed on the website. Are you selling a product or service?

You can use website such as pexels, pixabay, canva

Create a content outline for each section.

5. Install Elementor

In the wordpress dashboard, go to "plugins" > "Add New".
Search for "Elementor" in the search bar.
click "Install Now" next to the Elementor plugin.
After installation, click "Activate" to activate the Elementor plugin on your wordpress site.

6. Install Astra Theme

In the wordpress dashboard, go to "Appearance" > "Themes".
click on the "Add New" button at the top of the page.
In the search bar, type "Astra" and press Enter.
Once the Astra theme appears, click on the "Install" button.
After installation, click on the "Activate" button.

7. Import A Template.

Navigate to "Appearance" > "Astra options" in the Astra theme.
click on the "See library" button under the "Astra Starter Sites" section.
Browse through available templates.
Once you find a template, hover over it and click the "Import Site" button.
A popup will appear asking you to choose a page builder.
Select "Elementor" and click "Import".

8. Add A New Page.

Navigate to the wordpress dashboard and go to "pages" > "Add New". Enter a title for the new page and click on the "Edit with Elementor" button to launch Elementor editor.

9. Design Layout From Scratch

Start by adding a new section to the page by clicking the "+" icon in the Elementor editor.

Choose the desired structure for the section.

Drag and drop widgets into the section to add content such as text, images, videos, buttons, and icons.

Customise each widget by adjusting settings such as text size, font style, colours, alignment, and padding.

Repeat the process to add more sections and content to the page, creating a visually appealing layout.

10. Save and Publish.

Once you're satisfied with the design, click the "Update" button to save your changes. Preview the page again to ensure everything looks as expected.

Click "Publish" to make the updated page live on your website.

11. Implement Additional Functionality And Features.

Identify the specific functionality and features you want to add to the website, such as contact forms, social media integration, sliders etc.

Search for suitable WordPress plugins

Install and activate the selected plugins.

Configure the plugins according to your requirements.

Test the functionality to ensure it works as expected and integrates seamlessly with the website.

12. Develop Header and Footer Using HTML and CSS

create a new HTML file for the header and another for the footer.

Write the HTML code for the header, including logo, navigation, menu and any other desired components.

Write the CSS code to style the header, adjusting colors, fonts, spacing and other visual properties.

Repeat the process for the footer, creating HTML and CSS files and defining the layout and styling for footer elements

Save the HTML and CSS files with appropriate filenames.

Upload the HTML and CSS files to your wordpress theme directory or use a child theme for safer customization.

Integrate the custom header and footer into your wordpress theme by adding appropriate code snippets to the theme's header.php and footer.php files.

Test the website to ensure the header and footer display correctly and maintain responsiveness across different devices.

13. Test Responsiveness

Check One-Page website on different devices and screen sizes.

Ensure all elements adjust properly

Test interactive elements for usability.

14. Optimise Performance.

Use tools to analyse performance

optimise images, CSS, and JavaScript files

Enable caching mechanisms.

5. Make Necessary Adjustments

Identify and address any issues discovered during testing.

Test again after adjustments.

Comprehensive Review

Check the website to preview to ensure all elements are visually pleasing.

Double-check Details: Review the information for accuracy - Brand name, colours, Content spell check

Refinement: Make Necessary adjustments, Such as tweaking font sizes, moving elements slightly, & adjusting colours.

ACTIVITY LOG FOR THE first WEEK 12th-02-24 to 17th-02-24

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day – 1	Introduction to web development	Known what is web development, what is its use & what Contains in a website Contents of webpage.	
Day - 2	Introduction to web technologies	Learned about what are the web technologies & how that are used to Develop a web page such as HTML, CSS.	
Day – 3	Introduction to HTML	Learned how to use basic tags of HTML such as p, h1 to h6, head, Html, title Doctype tags and understood the tables	
Day – 4	Introduction to HTML tags	Learned how to use this tags practically	
Day – 5	Explanation of HTML Ordered and un Ordered list	Learned what the list tags looks like what <ol> and <ul>	
Day –6	Practice Day	Practically trying out what I have learnt throughout this entire week	

WEEKLY REPORT

WEEK – 01 (From Dt. 12.02.24 to Dt. 17.02.24 ....)

Objective of the Activity Done: Introduction to web development, web technologies, basic html tags, & practically trying out the tags.

Detailed Report:

Smartintern provided us weekly sessions where on the first week from monday to friday. we learnt about webdevelopment what is the use of webdevelopment, how it helps to create a website and what does a website contains and what are the technologies used to develop a website, learnt how to use those technologies just basics which are further usefull in creating a website using wordpress.

ACTIVITY LOG FOR THE Second WEEK 19th-02-24 to 24th-02-24

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day – 1	Introduction to CSS	Learnt about what is CSS and how it is used to style and entire web-site	
Day - 2	How to Create a Navbar	Learned navbar by lists and which navigates to the page we Created ex we call an another page	
Day – 3	what is CMS and XAMPP	Learnt about Cms like what is it how its used and xampp in local host used check our website working so that we will adapted to cms	
Day – 4	Introduction to wordpress	Learned that wordpress is a cms platform used to create websites without technical Knowledge.	
Day – 5	XAMPP Installation	Learned to install latest version of xampp and wordpress zip and after installation to use wordpress, htdocs of xampp folder	
Day –6	Practice Day	Practically trying out what I have learnt throughout this entire week.	

WEEKLY REPORT

WEEK - 03 (From Dt 17.03.24 to Dt 24.03.24.)

Objective of the Activity Done: Introduction to CSS, and how to use CSS to style a webpage. Introduction to CMS, wordpress, Xampp

Detailed Report:

Learned xampp installation and how the create a database and what do we need to run to xampp are Apache which is a server useful to send and receive request locally and mysql used to store data and finally giving this interaction localhost wordpress in google search leads to create your wordpress username and password.

ACTIVITY LOG FOR THE Third WEEK 26th-02-24 to 02nd-03-24

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day – 1	wordpress	Seen the dashboard of the wordpress which contains pages plugins themes posts etc options	
Day – 2	wordpress	Seen other options like menu media and its usage.	
Day – 3	Intro to JavaScript	Learned datatypes in js and why its used.	
Day – 4	Wordpress Overview	Learned why plugins are used and pages used	
Day – 5	Wordpress Overview	Learned about posts and how they look like and what it means and in which page it is included	
Day –6	Practice Day	Live practice of what I have learn through this entire week	

WEEKLY REPORT

WEEK – 03 (From Dt. 26.02.24 to Dt. 02.03.24....)

Objective of the Activity Done: wordpress introduction, pages & posts creation, - - dummy pages in portfolio.

Detailed Report:

In this entire week, I learned about wordpress and its dashboard with several options which are mainly themes, plugins pages, posts usage and mainly focused creating pages and posts. Using dashboard options, when creating there lots of options like header media pattern etc., which can be used and finally to publish so that a page can be created with content.

ACTIVITY LOG FOR THE Fourth WEEK 04th-03-24 to 09th-03-24

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	wordpress pages Creation	Learned lots of options to add highlight to the page like adding Image etc	
Day - 2	website Creation	Learned change website by using customize & edit option and looking linking pages to the site	
Day - 3	Page and Post Creation	Created a post which is as similar as page but it is included without any linkage	
Day - 4	Plugins	Plugins enhance a webpage like elementor, two factor authentication	
Day - 5	Practice Day	Live practice of what I have learn through this entire week	
Day - 6	Practice Day	Live practice of what I have learn through this entire week.	

WEEKLY REPORT

WEEK – 04 (From Dt. 04-03-24 to Dt. 07-03-24)

Objective of the Activity Done: Creating posts, plugins usage, website customization.

Detailed Report:

Got a Knowledge about pages Creation and posts Creation and how it is attached to the theme plugins which are highlights of a website such as elementor provides containers and CSS properties and 2FA plugins provides security to the account

ACTIVITY LOG FOR THE Fifth WEEK 11th-03-24 to 16th-03-24

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day – 1	Wordpress Database	Known how the data store in my tabular form including databases of plugin pages etc	
Day - 2	website theme	Here we practiced to choose and active theme according to our will	
Day – 3	Authorization plugin	Practically installed this plugin to provide security to our website & account	
Day – 4	Theme customization	Learnt customizing the theme using elementor & Customize option	
Day – 5	Practice Day	Live Practice of what I have learn through this entire week.	
Day –6	Practice Day	Live Practice of what I have learn through this entire week.	

WEEKLY REPORT

WEEK – 05 (From Dt. 11.03.24 to Dt. 16.03.24)

Objective of the Activity Done: Theme Selection, plugin usage and customization using elementor plugin.

Detailed Report:

From day 1 to day 4 we practically learned about what the local database looks like and how could we create it and in which form the data is stored where we can explore this by going through location such php my admin and learnt how to our wordpress by plugin called WPA on 5th and 6th day I practiced customization of theme which is easy to activate and install just by going through appearance option.

ACTIVITY LOG FOR THE Sixth WEEK 18th-03-24 to 23-03-24

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day – 1	Creating a website	choosing a theme customizing according reference using elementor plugin etc	
Day - 2	web hosting	Not using local server but creating a website using live server	
Day – 3	Free website hosting	Infinity website is a free hosting website which means we can access the website on internet by creating a free account	
Day – 4	Softaculas installer	After going through lots of steps. I got through the account and used Softaculas where I can find my link	
Day – 5	websites	Creating from utmost knowledge	
Day –6	Practice Day	Live Practice of what I have learn through this entire week	

WEEKLY REPORT

WEEK – 06 From Dt. 18-03-24 to Dt. 23-03-24)

Objective of the Activity Done: Customization using elementor plugin, learning about hosting services.

Detailed Report:

From day1 to day5 installed wordpress on hosting website which provides a website link to access the website via internet it provides website link, separately and dashboard link. Separately and login link separately I have learnt a lot like creating account choosing domain name and type of server and creating SSL certificate to make secure to use and started creating by importing themes I like.

ACTIVITY LOG FOR THE Seventh WEEK 25th-03-24 to 30th-03-24

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day – 1	Contact form 7 plugin	This plugin is a popular, it allows us to create and manage contact forms on our website	
Day - 2	Font awesome plugin	with the help of this plugin we can add different icons to our page to look good	
Day – 3	Customization with Elementor	we can customize anytheme we choose with the help of elementor elements	
Day – 4	Grid Layouts in wordpress	I learned the grid system to implement multiple images, containers, headings in different areas I like	
Day – 5	Hover effects	To use Hover effects, we simply click on the text where we want hover effect in the left section there is option	
Day –6	Practice Day	Live practice of what I have learn through this entire week	

WEEKLY REPORT

WEEK – 07 (From Dt 25-03-24 to Dt 30-03-24)

Objective of the Activity Done: Contact 7 form plugin usage, hover effects, - font awesome plugin

Detailed Report:

From day 1 to day 5 I've gained a deeper understanding of how plugins are used in website, Plugins in wordpress are packages of code that extend the functionality of your wordpress website.

They allow you to add new features, improve existing ones, and customize your site without needing to write code from scratch.

with the help of Font awesome plugin we can add different icons to our pages to look good and helps in multiple icons in our websites

The grid system to implement multiple images, containers, headings in different areas Hover effects enhances text look while hovering on the text.

ACTIVITY LOG FOR THE Eight WEEK 01-04-24 to 06-04-24

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	website Header Creation	Designed Header which contains background color, website icon, Menu section and search icon	
Day - 2	website Home page. Creation	Designed Home page body section which contains background image, website info and some dishes images	
Day - 3	website Footer Creation	Designed footer section which contains background color, social media handles, address and copyright text	
Day - 4	Adding Menu to our page	Created menu which contains of multiple pages of Home, About, Contact us and reservation options	
Day - 5	Practice Day	Live practice of what I have learn through this entire week	
Day - 6	Practice Day	Live practice of what I have learn through this entire week	

WEEKLY REPORT

WEEK - 03 (From Dt 04-04-24 to Dt 06-04-24)

Objective of the Activity Done: Header and footer section Customization, search icon usage, creating home and menu page.

Detailed Report:

From day1 to day4 I've gained a deeper understanding of how pages created.

Designed Header which contains background color, website icon, Menu section and Search Icon

Designed home page body section which contains background image, website info and some images

Designed footer section which contains background color, social media handles, address and copyright text.

Created menu which contains of multiple pages of Home, About, Contact Us and reservation options.

ACTIVITY LOG FOR THE Ninth WEEK 08th 01 24 to 13th 01 24

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day – 1	About page Creation	Designed About page with a grid container which is useful in filling up blocks that are to my website to look good	
Day - 2	Contact US page Creation	Designed Contact US page and used Contact form 7 in Contact US page	
Day – 3	Wordpress Booking plugin	This booking plugin are used in business for appointment scheduling, reservations and event management	
Day – 4	Reservation page Creation	used wordpress booking plugin to get reservation details from user	
Day – 5	Practice Day	Live Practice of what I have learn through this entire week	
Day – 6	Practice Day	Live practice of what I learn through this entire week	

WEEKLY REPORT

WEEK – 09 (From Dt. 08-04-24 to Dt. 13-04-24)

Objective of the Activity Done: Creation of about page, Contact us page, & booking plugin usage

Detailed Report:

From day 1 to day 4 I've gained a deeper understanding of plugin implement in our pages Designed about page with more info of restaurant selling food items using grid.

Designed Contact us page and used contact form 7 in Contact us pages

This booking plugin are used in business for appointment scheduling, reservations and event management used Wordpress booking plugin to get reservation details from user

ACTIVITY LOG FOR THE Tenth WEEK 15th-01-24 to 20th-01-24

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day – 1	Working on Final project	Designed About page with a grid container which is usefull in filling up images that are necessary to website	
Day - 2	Working on Final project	Designed Contact us page and used Contact forms 7 in Contact us page	
Day – 3	Working on Final project	This booking plugins are used in business for appointment scheduling reservations and event managment	
Day – 4	Working on Final project	used wordpress booking plugin to get reservation details from user	
Day – 5	Working on Final project	Live practice of what I have learn through this entire week	
Day –6	Working on Final project	Live practice of what I have learn through this entire week	

WEEKLY REPORT

WEEK – 10 (From Dt. 15.04.24 to Dt. 20.04.24)

Objective of the Activity Done: Booking plugin usage and overall Customization of a webpage.

Detailed Report:

Finally I created a restaurant website using blocksy theme and made use of elementor plugin and customize option provided by theme I included pages like about us page, Contact page, Reservation page and a home page for this make use of Contact form, five star reservation.

Plugin to highlight the site I added animation effects to image such as zoom in, drop in, drop down, etc and Canva to create a logo to my site.

ACTIVITY LOG FOR THE Eleven WEEK 22nd-01-24 to 27th-01-24

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day – 1	Working on final Project	Designed about page with a grid container which is usefull in filling up image that website to look good	
Day - 2	Working on final Project	Designed contact us page and used contact forms 7 in contact us page	
Day – 3	Working on final Project	This booking plugin are used in business for appointment scheduling, reservations and event management.	
Day – 4	working on final project	used wordpress booking plugin to get reservation details from user	
Day – 5	working on final project	Live practice of what I have learn through this entire week	
Day –6	working on final project	Live practice of what I have learn through this entire week.	

WEEKLY REPORT

WEEK - 11 (from mm/dd/yy to mm/dd/yy) (to 24)

Objective of the Activity Done: Working plugin usage and overall functionality of a webpage

Detailed Report:

Finally I created a restaurant website using blaksy theme and made use of elementor plugin and customize option provide by theme. I included pages like about us page, contact page. Reservation page and a home page for this make use of contact form, five star reservation. Plugin to highlight the site I added animation effects to image such as zoom in, drop in, drop down, etc and used canva to create a logo to my site.

OUTPUT

About Us

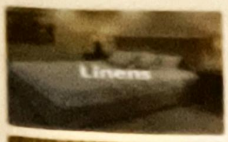
Our Tradition Of Best Hospitality

25 Years Of Warm Welcome...

"Customers may forget what you said but they will never forget how you made them feel".

We are delighted that you have chosen our hotel. On behalf of the entire team of the 1969 Inn, I extend a very warm welcome to you and trust that your stay with us will be pleasant and comfortable. The management and staff are pleased to be your hosts.

Amenities



Escape To The Luxury This Year

MAKE AN ENQUIRY

Gallery

Packages

Single Room

1-Premier Room
King Size Bed

Executive Suite

2-Premier Room
King Size Bed, With Lobby

Double Room

2-Premier Room
King Size Bed

Duplex Suite

2-Premier Room
King Size Beds, With Lobby & Indoor Kitchen.

Ask Your Queries

Name

Email

SUBMIT

Ask Your Queries

If You Have Any Questions, Please Don't Hesitate To Contact Us

OR

MAKE A BOOKING

To Book Online

Enter Your Name

Enter Your Email

dd-mm-yyyy

dd-mm-yyyy

Select a room type

BOOK NOW

About Us Amenities Gallery Packages Booking

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Reference Links:

1. Mozilla Developer Network (MDN) https://developer.mozilla.org/
2. W3Schools https://www.w3schools.com/
3. WordPress Codex https://codex.wordpress.org/
4. CSS-Tricks https://css-tricks.com/
5. Digital Ocean Community Tutorial https://www.digitalocean.com/community/tutorials/

Conclusion:

In conclusion, WORDPRESS is a powerful and versatile tool for web development. It's a user friendly platform that allows beginners to create professional-looking websites without needing to learn complex coding. With its extensive range of themes and plugins, WordPress provides endless possibilities for customization, making it suitable for virtually any type of website whether you're looking to create a personal blog, a business website, or an online store, WordPress can provide the tools and flexibility you need. However, like any tool, it requires time and effort to master. Fortunately, there's a vast community of WordPress users and developers who provide a wealth of resources, tutorials, and forums to help you along your web development journey.