Full Stack Web Development

📍 **"Every expert was once a beginner — and this is where my journey begins."**

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Welcome! 👋

I've started my Full Stack Web Development journey by following a structured and progressive syllabus designed to build skills in both frontend and backend technologies. This document serves as my personal learning log, where I:

- ✅ Summarize each chapter I complete

- 📌 Highlight key concepts

- 📈 Track my progress through the journey

It helps me stay consistent, reflect on what I learn, and share my growth with others in the developer community.

Week 1:Course Overview

Day 1 – What is Web Development?

Get introduced to the world of websites, the internet, and how frontend, backend, and full-stack development fit together.

- Understand how websites work

- Learn the difference between front-end and back-end

- Explore client-server communication and browsers

Day 2 – Web Hosting & IDE Setup

Learn how websites are stored online and set up your tools to start building web pages on your local machine.

- Introduction to domain names and web hosting

- Install and configure Visual Studio Code (VS Code)

- Set up a basic folder structure for projects

Day 3 – Version Control & HTML Introduction

Discover the importance of version control and write your first HTML page.

- Introduction to Git and GitHub

- Learn basic Git commands (git init, add, commit)

- Create your first HTML document with <html>, <head>, and <body>

Day 4 – HTML Fundamentals

Dive deeper into HTML and understand how to structure your content.

- Dive deeper into HTML and understand how to structure your content.Use headings, paragraphs, and line breaks
- Add images, links, and lists
- Understand the role of attributes like href, src, alt

Day 5-HTML Intermediate Level

Enhance your pages with tables, forms, and input fields.

- Create tables with <table>, <tr>, <td>, <thead>, and <tbody>
- Build contact forms using <form>, <input>, <textarea>, <select>
- Understand input types and basic form validation

Day 6 – HTML Advanced Level

Explore semantic HTML and advanced structure elements used in real-world websites.

- Use semantic tags: <header>, <nav>, <section>, <article>, <footer>
- Add audio and video elements
- Understand HTML entities and iframes

Day 7 – First Mini Project & Practice

Apply everything you've learned to build a small personal website.

- Build a personal bio page using only HTML
- Organize code with comments and indentation
- Create an Online Survey Form to reinforce everything you've learned