

Annai Violet Arts & Science College

Department of Computer Science

**NAAN MUDHALVAN – FUNDAMENTALS OF WEB  
DEVELOPMENT**

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**B.Sc Computer Science II – Year**

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# IBM – SKILL BUILD COURSE

## **Tamil Nadu Skill Development Course (TNDSC) – FrontEnd Web Development (FEWD)**

- Completed – 14 Courses.
- Attended 8-weeks of Student Development Program (SDP).
- Created portfolio and deployed using GitHub.com.
- Uploaded the certificate and project link in Naan Mudhalvan Portal.

# HTML & HTML Web Applications

## HTML Iframes

- **HTML Iframes** - An HTML Iframe is used to display a web page within a web page, Iframes Syntax, Iframes Set Height and Width.



## HTML Forms

- **HTML Forms** are used to collect user input and send it to the server for processing. A form is created using the `<form>` element typically contains input fields, checkboxes.



## Learn by doing: HTML!

- Learn HTML autonomously: first take a tutorial then get cracking at these small exploratory exercises, intended to get you up to speed in HTML.



## Basic HTML and HTML 5 | freeCodeCamp

- Try out freeCodeCamp's HTML coding challenges! They will walk you through web development step-by-step. In this course, you'll build a cat photo app to learn some of the most common HTML elements - the building blocks of any web page.



## Web Development Basics

- In this course, you'll learn about basic computer functions and programming languages. You'll get an overview of web development, including the scope of the two sides of web development: front-end and back-end. And you'll learn about the difference between the internet and the World Wide Web.



## Developing Sites for the Web

- In this course, you'll learn how web developers create websites. You will learn about common web development languages including HTML, CSS, and JavaScript, and how they have evolved. You will also learn about the software development lifecycle and ways that an agile approach improves web development.





# CSS and It's Properties

## CSS Introduction

- **CSS (Cascading Style Sheets)** is a styling language used to control the appearance of HTML elements. It allows you to define colors, layouts, fonts, and more, making web pages visually appealing and user-friendly.



## Learn by doing: CSS!

- **CSS (Cascading Style Sheets)** is the language that makes websites beautiful! Instead of just reading theory, let's **learn by doing** with hands-on exercises and real examples.



## CSS Exercises

- CSS is best learned by practicing! Here are some **hands-on exercises** to improve your CSS skills. Try them out and see your designs come to life!



## CSS Tutorial - Zero to Hero freeCodeCamp.org

- Learn CSS from the "ground up" in this video-based course for beginners. You can pace your learning to review sections and return to pick up where you left off. This video is presented by freeCodeCamp.org.



# Introduction to HTML and CSS

- In this course, you will learn about the basic structure of an HTML document and common elements to build a web page. You'll explore HTML attributes and understand the importance of organizing information. In addition, you will gain insight into CSS and explore the CSS box model. Finally, you will learn about the best practices web developers use for writing HTML and CSS.





# Git and GitHub

## Fundamentals of Web apps

- Web applications (web apps) are dynamic applications that run in a web browser. Unlike traditional desktop applications, web apps can be accessed from any device with an internet connection.



## Bringing Websites to Life with JavaScript

- In this course, you'll learn how web developers use JavaScript with HTML to create dynamic websites. You'll examine JavaScript syntax and how variables, functions, expressions, and events operate in JavaScript code.



# Website Testing and Deployment

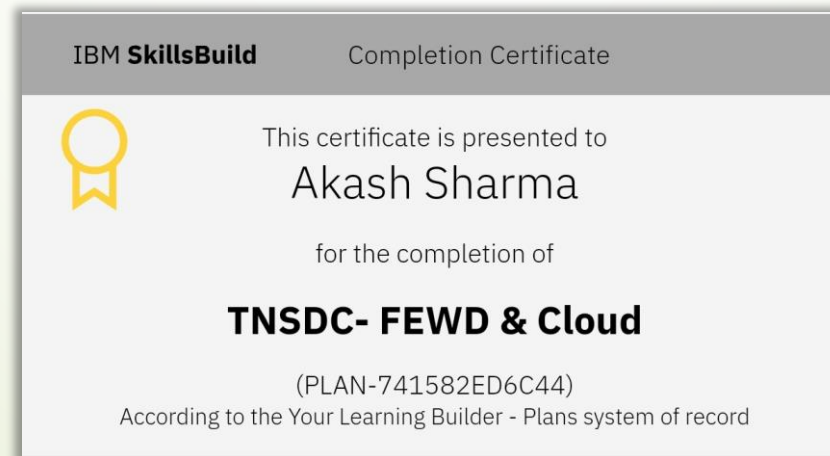
- In this course, you will explore how developers thoroughly test website code before enabling public access to their sites. You'll discover how teams use version control systems to speed up the delivery of new features and functionality to their users. And you'll learn about the tools and processes developers use to streamline and simplify the deployment of their websites to their servers or the cloud.



# Naan Mudhalvan – Fundamentals of Web Developments

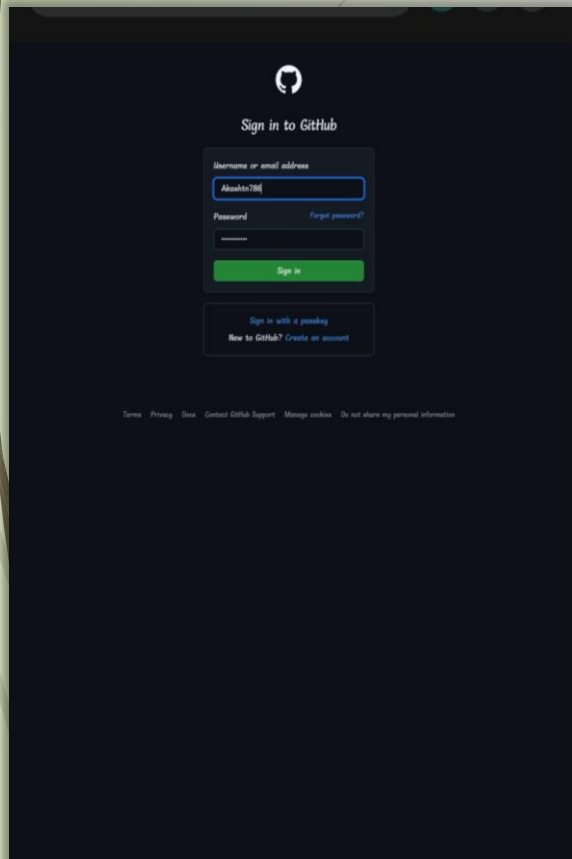
## TNSDC – FEWD & CLOUD CERTIFICATE

- This is a comprehensive program designed to equip learners with the necessary skills and knowledge to become Front End Development. The program covers key concepts, tools, and technologies in web development. This will be the first Step for the Students who want to Become Front-End Developers. Students will be Going through the Basic Concepts of HTML, CSS and JavaScript. AS well as they also understand the basic Concepts of Cloud Computing. Students will also learn to deploy their Webpages in Git and GitHub.

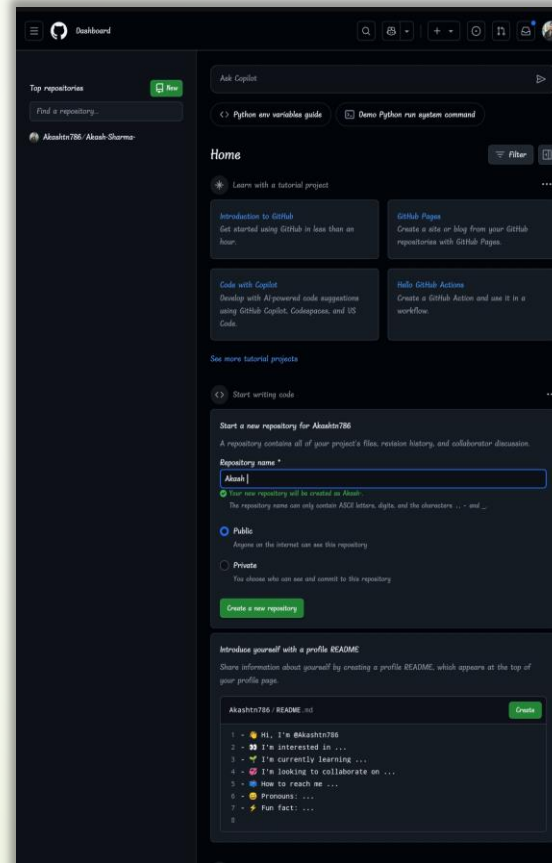


# Naan Mudhalvan – Fundamentals of Web Developments

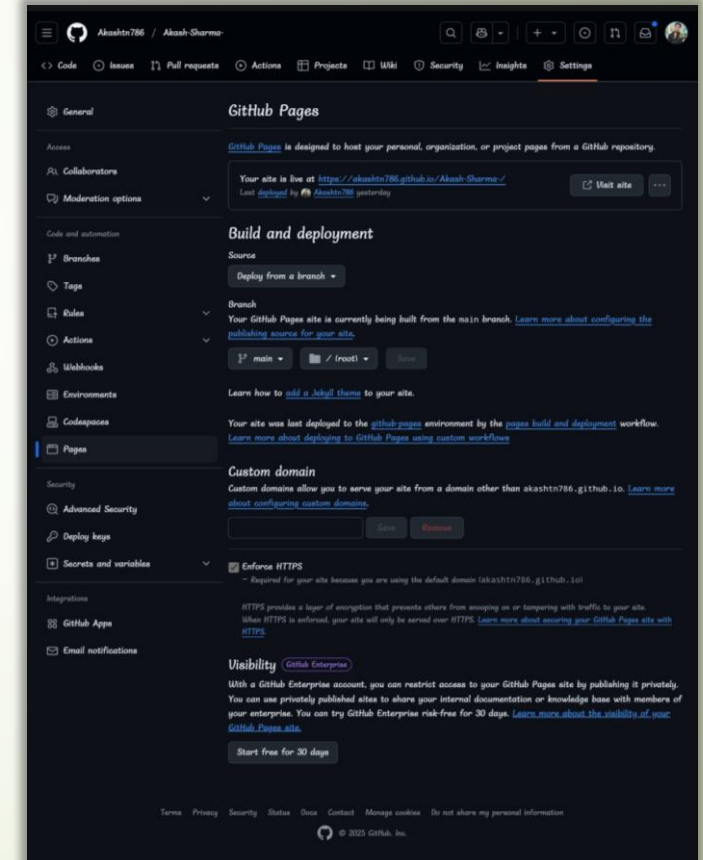
## GitHub Login



## Create New Repository

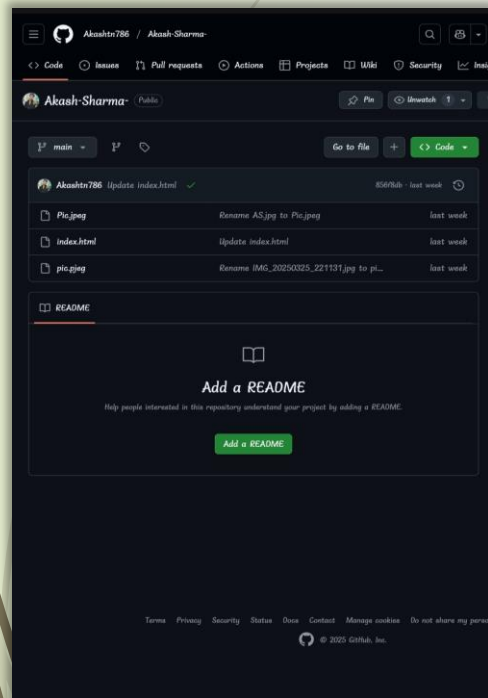


In settings go to Pages  
change to main and root

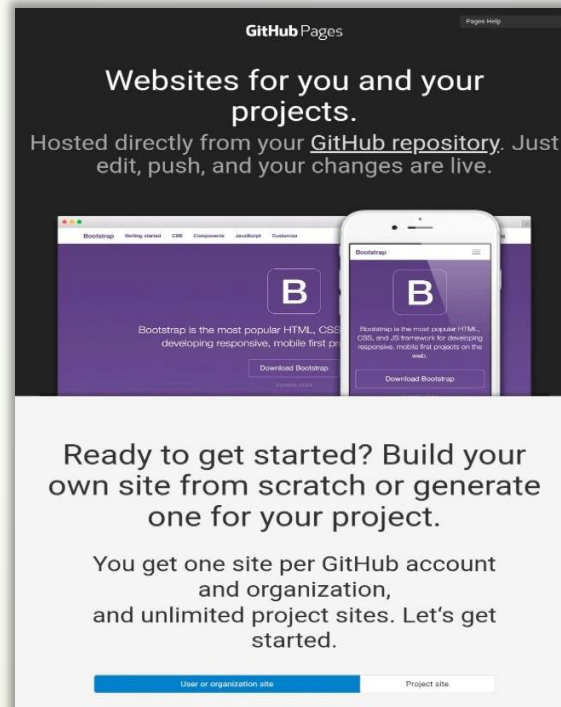


# Naan Mudhalvan – Fundamentals of Web Developments

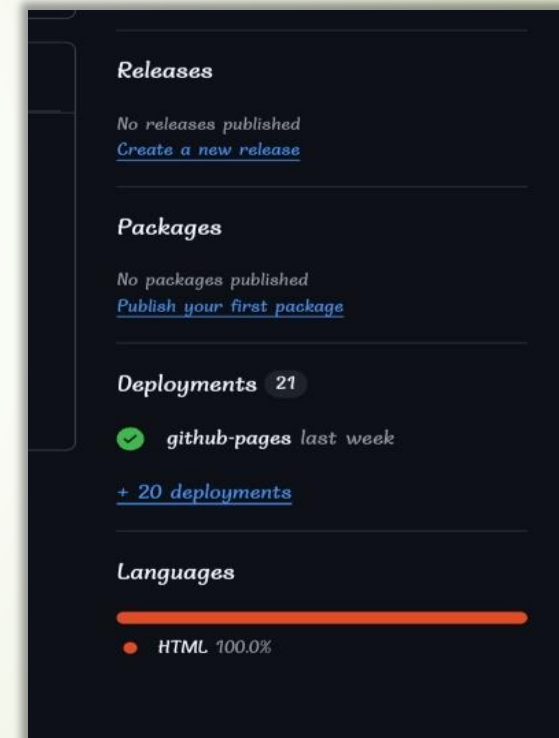
Add the Code &  
Picture File



In pages go to  
GitHub repository



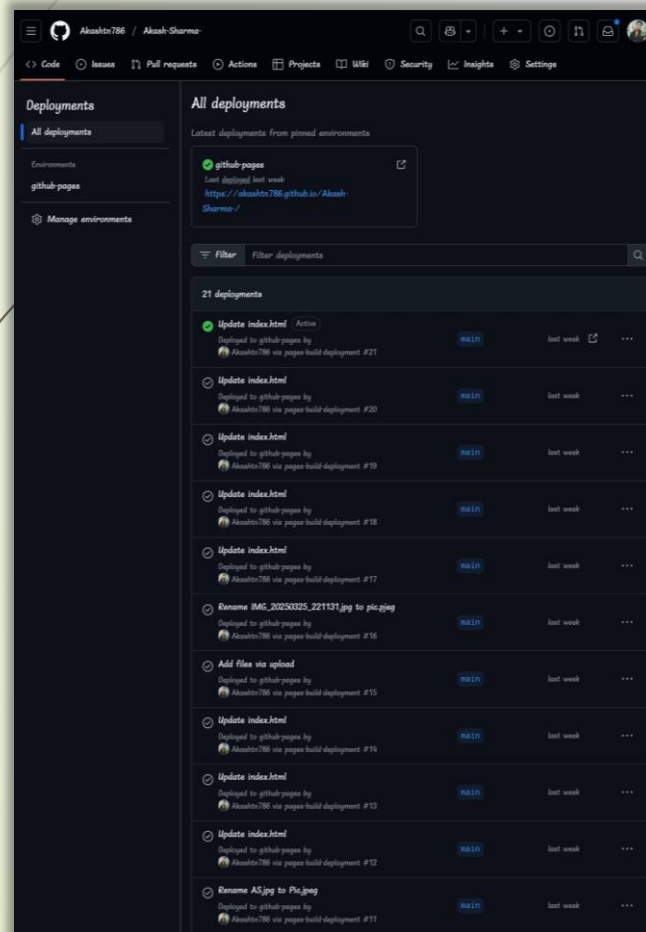
Go to Deployments  
done



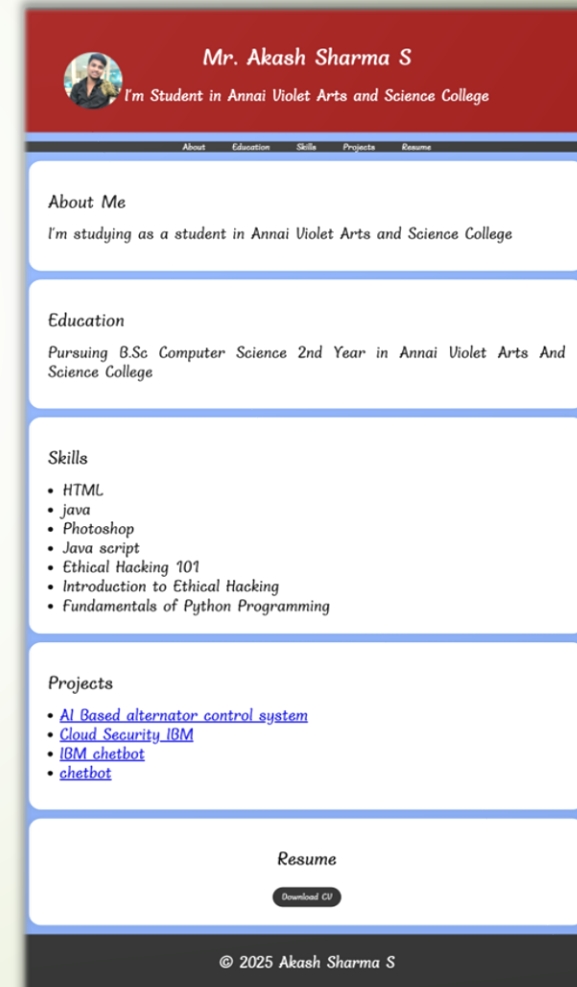


# Naan Mudhalvan – Fundamentals of Web Developments

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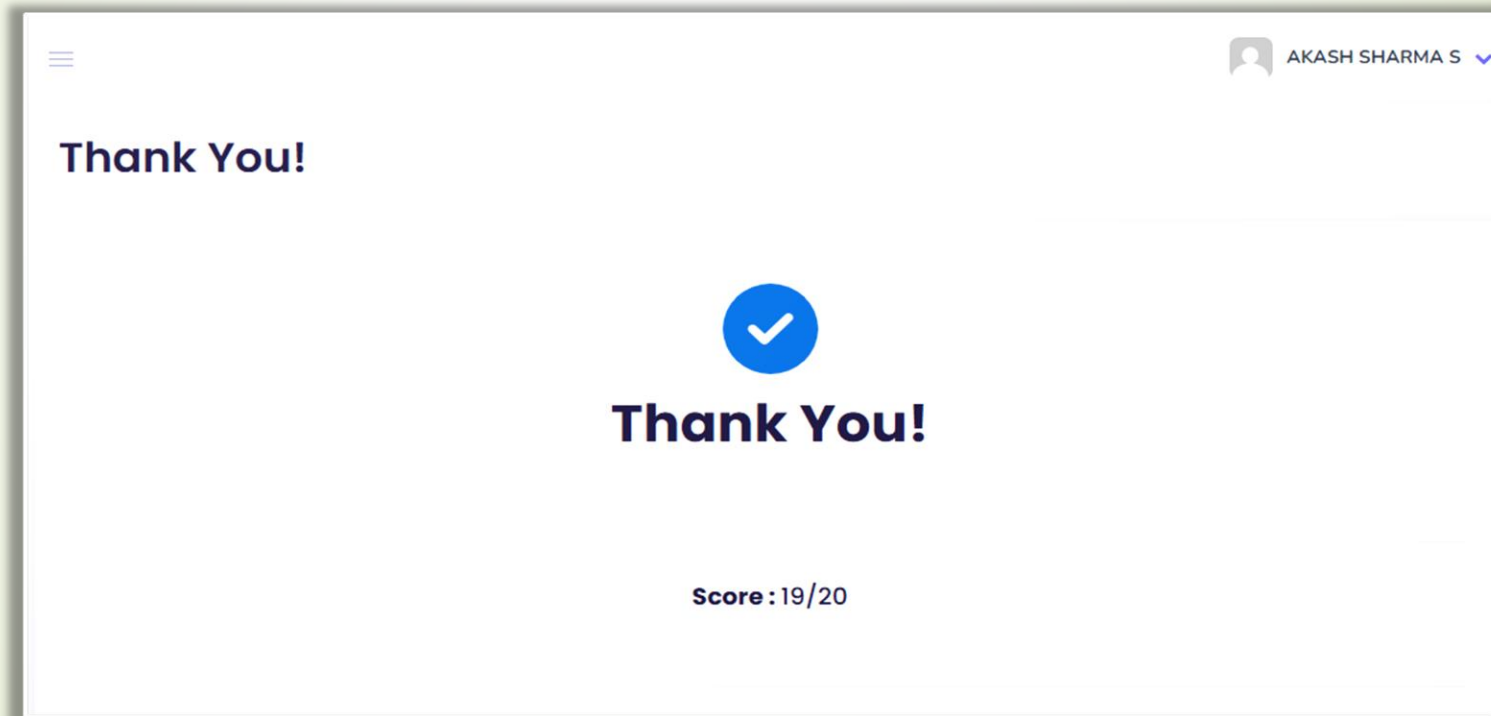




This is my Portfolio Websites



# Naan Mudhalvan – Fundamentals of Web Developments

## Naan Mudhalvan – Quiz Assessment





**THANK YOU...**