



WEB DEVELOPMENT

Web Development Course Syllabus

Web Development Basics & Background

- ✓ Introduction to Web Development
- ✓ How Websites Work
- ✓ Frontend vs Backend
- ✓ Internet & Hosting Basics
- ✓ Domain & DNS
- ✓ Development Environment Setup
- ✓ Visual Studio Code
- ✓ Git Basics
- ✓ Website Structure

Module 1 - HTML, CSS & Bootstrap

- ✓ HTML5 Fundamentals
- ✓ Forms & Tables
- ✓ Semantic HTML
- ✓ CSS3 Styling
- ✓ Flexbox
- ✓ CSS Grid
- ✓ Responsive Design
- ✓ Bootstrap 5 Components
- ✓ Mini Website Project

Module 2 - JavaScript & Frontend

- ✓ JavaScript Basics
- ✓ DOM Manipulation
- ✓ Events
- ✓ ES6 Features
- ✓ Functions
- ✓ Arrays & Objects
- ✓ Fetch API
- ✓ JSON
- ✓ Form Validation
- ✓ Portfolio Project

Module 3 - Backend & Database

- ✓ PHP or Node.js Basics
- ✓ Express.js Introduction
- ✓ MySQL Database
- ✓ CRUD Operations
- ✓ Authentication
- ✓ REST API Basics
- ✓ Git & GitHub
- ✓ Website Deployment
- ✓ Capstone Project
- ✓ Resume Building
- ✓ Interview Preparation
- ✓ Placement Assistance