HOME PAGE

HTML Topics (Structure of the website)

1. HTML Boilerplate (<!DOCTYPE html>, <html>, <head>, <body>)
2. Meta Tags (<meta charset>, <meta name="viewport">)
3. Title and Linking CSS (<title>, <link rel="stylesheet">)
4. Page Sections (<header>, <div>, <section>, <footer>)
5. Text Elements (<h1> to <h6>, <p>, <span>)
6. Navigation (<nav>, <ul>, <li>, <a href="">)
7. Images (<img src="" alt="">)
8. Buttons (<button>)
9. Forms
   * <form>, <input>, <textarea>, <label>, type="submit"
10. Classes and IDs (class="", id="")
11. Semantic Tags (<main>, <article>, <section> – optional)

CSS Topics (Styling the website)

1. Selectors (element, .class, #id)
2. Box Model (margin, padding, border, width, height)
3. Typography (font-family, font-size, font-weight, line-height)
4. Colors and Backgrounds (color, background-color, background-image)
5. Positioning
   * static, relative, absolute, fixed, z-index
6. Display and Flexbox
   * display: flex, justify-content, align-items, flex-wrap
7. Responsive Design
   * media queries, vh, vw, % units
8. Borders and Radius (border, border-radius)
9. Box Shadow and Effects (box-shadow, backdrop-filter)
10. Transitions and Hover Effects
11. Buttons and Forms Styling
12. Custom Scrolls and Overflow (optional)

JavaScript Topics (Interactivity)

1. Variables (let, const)
2. DOM Access
   * getElementById, querySelector, getElementsByClassName
3. Event Listeners
   * addEventListener('click'), submit, input
4. Form Validation:Checking empty fields, email format, string length
5. Regex (Regular Expressions) for email/message validation
6. Conditionals (if, else)
7. Preventing Default Form Submission (event.preventDefault())
8. Manipulating Inner HTML / Text
   * element.innerHTML = "...", element.value = ""
9. Basic Error Handling
10. Clearing or Resetting Form Values

HTML

1. HTML Boilerplate – Basic structure required to start an HTML document.
2. Meta Tags – Provide metadata like character set and viewport settings for responsiveness.
3. Title and Linking CSS – Defines the page title and links external CSS files.
4. Page Sections – Divide the page into logical parts like header, main, and footer.
5. Text Elements – Used to display headings, paragraphs, and inline text.
6. Navigation – Creates menus and links for navigating across pages.
7. Images – Embeds pictures into the webpage using the <img> tag.
8. Buttons – Interactive elements used for actions like form submission.
9. Forms – Collect user input via fields like text boxes and textareas.
10. Classes and IDs – Assign names to elements for styling or scripting.
11. Semantic Tags – Provide meaning to content for accessibility and SEO.

CSS

1. Selectors – Target specific HTML elements to apply styles.
2. Box Model – Concept that includes content, padding, border, and margin.
3. Typography – Controls text style, size, weight, and spacing.
4. Colors and Backgrounds – Sets text colors, backgrounds, gradients, and images.
5. Positioning – Defines how elements are placed on the page.
6. Display and Flexbox – Arranges elements using layout models like flex.
7. Responsive Design – Adapts layout to different screen sizes using percentages and media queries.
8. Borders and Radius – Adds outlines and rounded corners to elements.
9. Box Shadow and Effects – Applies visual depth and blur effects.
10. Transitions and Hover Effects – Animates property changes on user interaction.
11. Buttons and Forms Styling – Enhances appearance of form elements and buttons.
12. Overflow Handling – Controls how extra content is displayed or hidden.

JavaScript

1. Variables – Store data values using let, const, or var.
2. DOM Access – Selects and manipulates HTML elements dynamically.
3. Event Listeners – Executes code when a user interacts with elements.
4. Form Validation – Checks user input before submitting a form.
5. Regex – Uses patterns to validate strings like email or password.
6. Conditionals – Executes code based on true/false decisions.
7. Prevent Default – Stops default browser behavior (like form submit).
8. Inner HTML / Value – Changes or reads element content and input values.
9. Error Handling – Displays messages when inputs are invalid or missing.
10. Clearing Values – Empties form fields after successful submission.

ABOUT PAGE

HTML (About Page Structure)

1. Header Section
   * Contains logo and navigation bar with links to: Home, About, Services, Careers, Contact.
   * A "Call Us" button redirects to the Contact page.
2. BG1 – About Shivam IT
   * Left: Introduction paragraphs about the company.
   * Right: Two images displayed beside the text for visual context.
3. BG2 – Why Choose Us?
   * Heading with bullet points listing company strengths (like expert team, agile solutions).
4. BG3 – Vision & Mission
   * Side-by-side list format showing company vision and mission separately.
5. Image Section
   * Full-width image (about3.jpg) displayed for visual impact.
6. BG4 – Location Section
   * Text details of company location, hours, and embedded Google Map iframe.
7. BG5 – Testimonials
   * Two client testimonials with 5-star ratings, quotes, and user images.
8. BG6 – Footer
   * Three columns:
     + Branding (Innovate)
     + Contact Info (phone/email)
     + Email subscription support form
   * Bottom line credits NOVELSKY.TECH.

CSS (About.css Key Features)

1. Header Styling
   * Fixed at top, white background, horizontal nav layout.
   * Logo on the left, navigation in center, "Call Us" button on the right.
2. Main Sections Layout
   * .bg1 uses flexbox to align text and images horizontally.
   * .bg2, .bg3, .bg4 maintain strong margins and spacing for a clean layout.
   * Lists are styled with soft gray color (#56585E) and line height for readability.
3. Image Styling
   * Images have consistent width, height, and rounded corners.
4. Testimonials Section (BG5)
   * Background image with dark overlay (rgba(0, 0, 0, 0.4)).
   * Centered content, white text, client photos as circles.
5. Footer Styling
   * Dark background with three responsive columns.
   * Styled input fields and buttons for the email support form.
   * Error message (.error) in red and small font.

JavaScript (Footer.js Functionality)

1. Variables
   * Gets input field, error span, and button using getElementById.
2. Email Validation
   * Uses regular expression (regex) to check email format.
3. Event Listener
   * On button click:
     + Shows error if email is invalid.
     + Clears error and input field if valid.

SERVICE PAGE

## HTML (Services Page)

### **Header**

* Contains logo, navigation links (Home, About, Services, Careers, Contact) and a **Call Us** button.
* Navigation is consistent across pages.

### **BG1 – Page Introduction**

* Title: **Our Services**
* Subtitle: Brief overview of Shivam IT’s capabilities.

### **BG2 – Service Offerings**

Structured into **6 major service blocks**, each with a title, description, and an image:

1. **Website Development** – Responsive, SEO-friendly websites.
2. **Web App Development** – Custom business web apps.
3. **Application Development** – Mobile and cross-platform apps.
4. **Software Development** – Enterprise-grade and automation tools.
5. **Digital Marketing** – SEO, PPC, social media, content.
6. **Recruitment Services** – Technical and non-technical hiring.

Each section uses a yellow-orange background (#ffa726) for visual segmentation.

### **BG3 – Testimonials**

* **Two 5-star reviews** with client names and images:
  + Ravi Kumar (web development)
  + Anita Rao (digital marketing)

Background image with dark overlay (service7.jpg).

### **BG4 – Footer Section**

Three-column footer with:

* **Innovate**: Company tagline.
* **Connect**: Contact number and email.
* **Support**: Email input with JS validation.

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## CSS (Services Page Styling)

### **General & Header**

* Reset using \* selector.
* Header is **fixed** and always visible at top.
* Nav bar styled with spacing and hover underline.
* “Call Us” button is black with rounded edges.

### **BG1**

* Centered heading + paragraph.
* Clear spacing and readable font.

### **BG2 (Service Grid)**

* display: grid with 2 columns and large row spacing.
* Each .s1 to .s6 block:
  + Yellow background
  + Fixed size (600x400px)
  + Image below text

### **BG3 – Testimonials**

* Full-width section with background-image.
* Semi-transparent overlay (rgba(0, 0, 0, 0.4)) adds contrast.
* Clients' photos are circular.

### **BG4 – Footer**

* Dark theme (#121212)
* Flex layout for responsive columns.
* Inputs and buttons are styled consistently.

## JavaScript (Footer.js)

### **Functionality**

* **Email Validation** using regex:

/^[a-zA-Z0-9.\_%+-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,}$/

* Shows error message in red (Valid email is required) if input is invalid.
* Clears the input and error message if the email is valid.

CAREER PAGE

## Careers Page - Careers.html

This page allows job seekers to **view job roles**, **apply**, and **contact** Shivam IT Technologies.

### **Sections Overview**

| Section | Purpose |
| --- | --- |
| **Header** | Navigation with logo and menu links |
| **BG1** | Welcome message introducing careers |
| **BG2** | Job Listings (with Apply buttons) |
| **BG3** | Motivational Join Us banner |
| **BG4** | Contact/Inquiry Form |
| **BG5** | Website Footer |

### Header

* Fixed header with navigation menu:
  + Home, About, Services, **Careers** (highlighted), Contact
* "Call Us" button (links to Contact page)

### BG1 – Introduction

* Title: Join Our Team
* Description: Highlights areas like **design, development, marketing**.

### BG2 – Job Listings

* Background color: **Dark blue** (#0b1145)
* Each job role is in a **job-box** with:
  + Job title (e.g., UI/UX Designer, Full Stack Developers, HR Recruiter)
  + Apply button (no current functionality – can later link to an application form)

**Jobs Listed:**

* UI/UX Designer
* Full Stack Developer
* Test Engineer
* DevOps (AWS/Azure/GCP)
* Digital Marketer
* HR Recruiter
* Business Developer
* Sales & Marketers

### BG3 – Motivational Banner

* Heading: Join Our Innovative Team Today
* Message encouraging candidates to explore career opportunities.

### BG4 – Contact Form

* Left side: **Form** for name, email, and message.
* Right side: **Image** (career1.jpg)
* Fields include validation (with JS):
  + Name: Required
  + Email: Valid email required
  + Message: At least 10 characters

### BG5 – Footer

* Three columns:
  1. **Company** – Tagline
  2. **Connect** – Phone + Email
  3. **Support** – Email input + submit button with validation

## Careers Page CSS (Careers.css)

### Key Features

* Modern, clean layout with:
  + Fixed header
  + Grid/flex for footer and form sections
  + Responsive typography
  + Orange (#ffa726) form background for visibility
* **Button design**:
  + Rounded corners
  + Bright blue and orange for call-to-action buttons

Highlight Styles

| Element | Style |
| --- | --- |
| .bg2 | Blue section with centered job listings |
| .job-box button | Blue button aligned to right |
| .form | Orange box with shadow & spacing |
| .footer-btn | Orange CTA button |

## JavaScript (contactdetails.js)

### **Form Validation**

#### **Contact Form:**

* Name: Cannot be empty
* Email: Must match regex
* Message: At least 10 characters

/^[a-zA-Z0-9.\_%+-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,}$/

If validation fails:

* Prevents submission (e.preventDefault())
* Shows red error messages beside each field

#### **Footer Email Validation**

* Checks if a **valid email** is entered
* Shows error if invalid
* Clears field if valid

CONTACT PAGE

## **Contact Page – Shivam IT Technologies**

This page is designed for **visitors to reach out** for IT services like web development and digital marketing. It includes location info, a contact form, and support features.

### **Page Structure Overview**

| Section | Description |
| --- | --- |
| **Header** | Navigation bar with logo and links |
| **BG1** | Hero banner with background image and heading |
| **BG2** | Location details + Google Map |
| **BG3** | Contact form over background image |
| **BG4** | Footer with contact info and newsletter input |

### **Header**

* Sticky navigation with links: Home, About, Services, Careers, Contact
* "Call Us" button links to contact page
* Current page highlighted (#contact is underlined)

### **BG1 – Hero Section**

* Large background image: contact1.jpg
* Overlay dark filter (rgba(0, 0, 0, 0.4)) for better readability
* Text centered:  
  **"Contact Us Today"**  
  and subtext about services.

### **BG2 – Address & Map Section**

* Text block on the left:
  + **Title:** Contact Us
  + Location: Hyderabad, Telangana, India
  + Working Hours: 9 AM – 6 PM
* Google Maps iframe on the right showing the office location:

205, 8/2 Road, Vasanth Nagar, Satyanarayana Swamy Colony, Kukatpally, Hyderabad

### **BG3 – Contact Form**

* Background image: contact2.jpg with dark overlay
* White contact form overlaid in center
* Fields:
  + **First Name** (required)
  + **Email Address** (valid email required)
  + **Message** (minimum 10 characters)
* Submit button styled in orange (#fb4f1a)
* Validation via JavaScript (contactdetails.js)

### **BG4 – Footer Section**

Includes three columns:

1. **Innovate:** Company vision tagline
2. **Connect:** Phone + Email
3. **Support:** Email subscription input

Includes footer bottom line:

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## **CSS Design Highlights**

| Element | Style Details |
| --- | --- |
| **Header** | Fixed, white background, shadow effect |
| **BG1** | Large background image with black overlay |
| **BG2** | Flex layout (text on left, map on right) |
| **Form** | White card with shadow, orange button, rounded fields |
| **Footer** | Dark background, white text, flexible layout |

**JavaScript Functionality –** contactdetails.js

### **Validation Logic**

#### Contact Form:

* **Name** must not be empty
* **Email** must match regex:

/^[a-zA-Z0-9.\_%+-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,}$/

* **Message** must be at least 10 characters

If validation fails:

* Stops form submission using e.preventDefault()
* Displays error messages in red

#### Footer Email:

* Same email pattern check
* Shows error if invalid, clears input if valid

## Final Notes

### Functional Highlights:

* Fully structured, modern design
* Location visibility via Google Maps
* JavaScript form validation without external libraries
* Responsive & user-friendly design