



COLLEGE CODE : 9123
COLLEGE NAME : SACS MAVMM ENGINEERING COLLEGE
DEPARTMENT : CSE
STUDENT NM-ID :

1. Kumar - 17B24B84B7D02B3AF4B437E3BF6B40B1
2. Kishore - 75AF18A3A4CFD5987104C72498CA25F6
3. Sanjay - 2CBBF09BB7183FAB9FD43AD354F1EFCB
4. Santhosh - E6A3BC061C404A0BA6F454DD9F23EA02
5. Yaseen - 70635AE7BAAA82690584BF0F50227285

ROLL NO : 1. 23CS029
2. 23CS028
3. 23CS044
4. 23CS045
5. 23CS032

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Completed the project named as Phase _05_ TECHNOLOGY
PROJECT NAME : PORTFOLIO WEBSITE

SUBMITTED BY,

NAME & MOBILE NO: 1.KUMARAVEL J (9344294826)
2.SANJAY KUMAR S (6381825096)
3.KISHORE KUMAR C (9500617780)
4.SANTHOSH KUMAR D (8608000752)
5.MOHAMMED YAASEEN S (9444082253)

Phase 5 — Project Demonstration & Documentation

1. Final Demo Walkthrough

This project is a Personal Portfolio Website built to showcase professional experience, technical expertise, and project work in an interactive and visually appealing way.

Walkthrough Overview:

- **Home Section:** Introduces the developer with animated typography, parallax scrolling, and smooth transitions.
- **About Section:** Highlights experience, skills, and work philosophy using a clean grid layout and subtle animations.
- **Skills Section:** Displays technical proficiency via animated progress bars and categorized tools.
- **Projects Section:** Features a grid of projects with hover effects, overlay animations, and tech stack tags.
- **Contact Section:** Includes an interactive form with JavaScript-based validation and a mail integration.
- **Responsive Design:** Fully optimized for desktop, tablet, and mobile devices with adaptive layouts.
- **Dynamic Features:** Smooth scrolling, animated reveal on scroll, parallax hero section, and active navigation highlighting.

2. Project Report

Objective:

To design and develop a professional, responsive, and animated portfolio website that effectively represents a developer's personal brand.

Technology Stack:

- **Frontend:** HTML5, CSS3, JavaScript (Vanilla)
- **Fonts & Icons:** Google Fonts (Inter), Font Awesome 6
- **Animations:** CSS keyframes and JavaScript IntersectionObserver API
- **Hosting (suggested):** GitHub Pages or Netlify

Key Components:

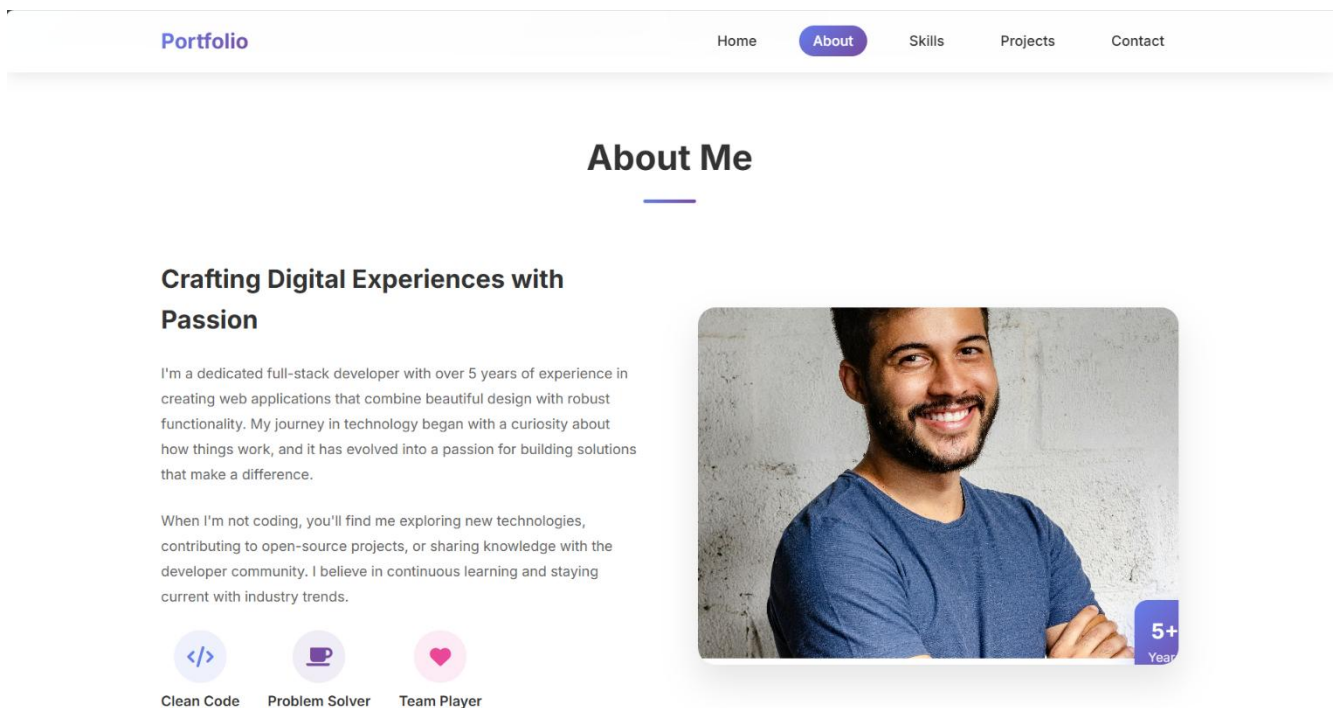
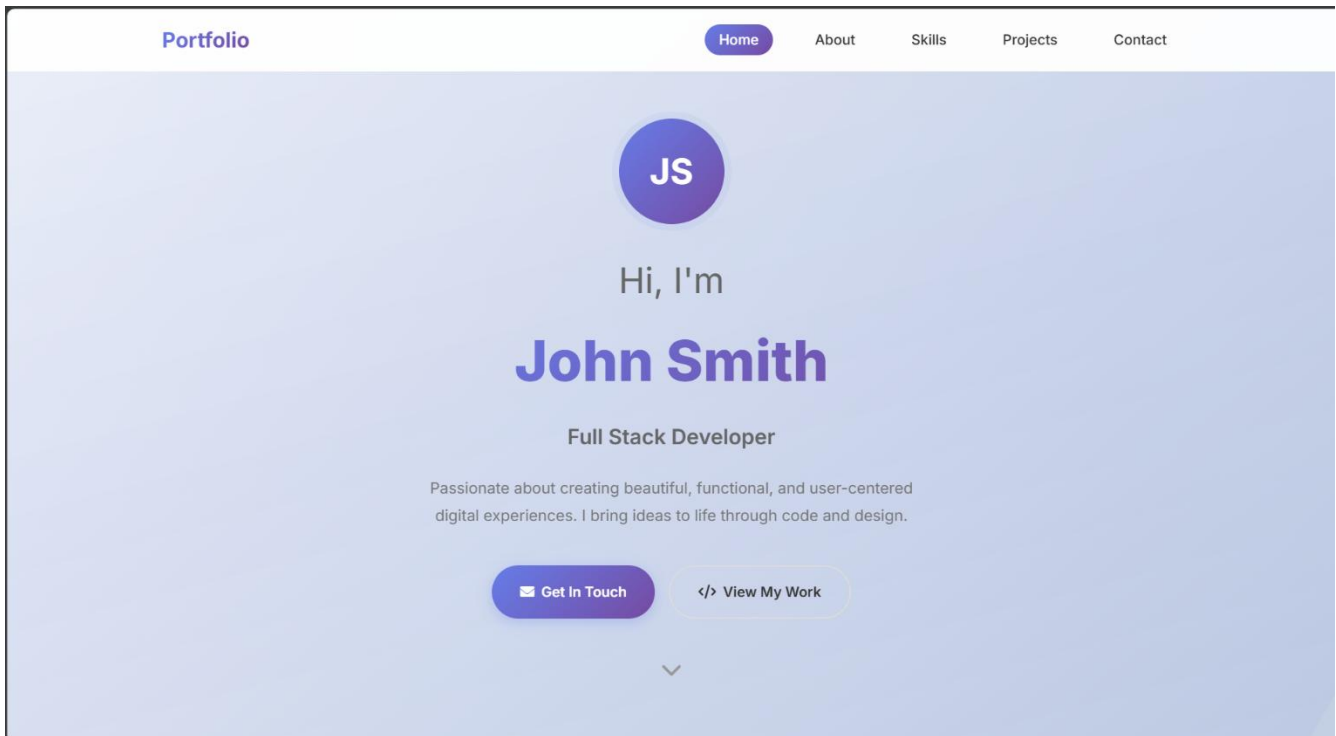
- **index.html:** Semantic structure for all sections and navigation.
- **styles.css:** Custom, responsive design system with gradients, animations, and utility classes.
- **script.js:** Interactive behaviours (menu toggle, smooth scroll, skill bar animation, parallax, contact form).

UserFlow:

Visitors navigate seamlessly through sections using the fixed navbar, view featured projects, and can contact the developer via an email-integrated form.

3. Screenshots / API Documentation

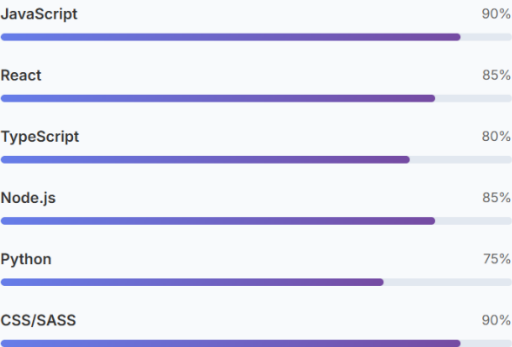
As this is a static front-end project, no backend API is used.




Skills & Expertise


Here are the technologies and tools I work with to bring ideas to life


Technical Skills





Tools & Technologies



Git & GitHub


Docker


AWS


MongoDB


Figma


VS Code

Always Learning

Currently exploring GraphQL, Next.js, and cloud architecture patterns.

Featured Projects

A showcase of my recent work and personal projects



E-Commerce Platform

A full-stack e-commerce solution with React, Node.js, and PostgreSQL. Features include user authentication, payment processing, and admin dashboard.

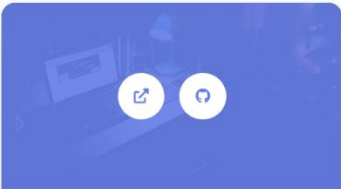
ReactNode.jsPostgreSQL



Task Management App

A collaborative task management application with real-time updates, drag-and-drop functionality, and team collaboration features.

Vue.jsSocket.ioMongoDB



Weather Dashboard

A responsive weather dashboard with location-based forecasts, interactive maps, and detailed weather analytics.

JavaScriptAPI IntegrationChart.js

4. Challenges & Solutions

Challenge	Solution Implemented
Responsive layout breaking on smaller screens	Added media queries for breakpoints at 1024 px, 768 px, and 480 px
Navigation overlapping hero section	Fixed navbar with backdrop filter and dynamic background on scroll
Static skill bars	Implemented animated width control using Intersection Observer
Performance lag during animations	Used CSS keyframes and GPU-accelerated transforms
User-friendly contact mechanism	Integrated mailto-based submission with validation alerts

5. GitHub ReadMe and Setup Guide:

Naan-Mudhalvan---Portfolio-Website

This is my personal portfolio website where I show my work, skills, and a bit about myself. It's built with HTML, CSS, and JavaScript. The site is fully responsive and have some smooth animation added for a clean look.

Live Preview

To view the site, just open `index.html` in your browser. Everything should run fine locally without any setup.

Project Structure

```
```\nproject-folder/\n├── index.html\n├── styles.css\n└── script.js\n```\n\n---\n\n## Features
```

- \* Responsive layout that works on both mobile and desktop
- \* Animated hero section with typing effect
- \* Smooth scrolling and active navigation bar

- \* Skill bars that fill when you scroll down
- \* Project cards with hover transitions
- \* Contact form that opens your email app (mailto link)
- \* Subtle parallax and fade-in animations

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## ## How to Use

1. Download or clone this repository
2. Open `index.html` directly in your browser
3. Edit the HTML file to change name, skills, or projects
4. You can deploy it on any static host like GitHub Pages or Netlify

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## ## Technologies Used

- \* HTML5
- \* CSS3 (Flexbox and Grid)
- \* Vanilla JavaScript
- \* Font Awesome for icons
- \* Google Fonts (Inter)

---

## ## Customization

You can modify text content in `index.html`.  
Change theme colors or gradients in `styles.css`.  
Animations and scroll effects are handled inside `script.js`, just edit carefully so nothing break.

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## ## Known Issues

- \* On older browsers, some animation might not appear correctly
- \* The contact form doesn't send real emails, it only open default mail app

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## GitHub Deployment Link:

<https://github.com/Kishore-777-1606/Naan-Mudhalvan---Portfolio-Website>

## index.html

```
<DOCTYPE html>
<html lang="en">
<head>
 <meta charset="UTF-8">
 <meta name="viewport" content="width=device-width, initial-scale=1.0">
 <title>John Smith - Portfolio</title>
 <link rel="stylesheet" href="styles.css">
 <link
href="https://fonts.googleapis.com/css2?family=Inter:wght@300;400;500;600;700;800&display=swap"
rel="stylesheet">
 <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/font-awesome/6.0.0/css/all.min.css">
</head>

<body>
 <!-- Navigation -->
 <nav class="navbar" id="navbar">
 <div class="nav-container">
 <div class="nav-logo">
 Portfolio
 </div>

 <ul class="nav-menu" id="nav-menu">
 <li class="nav-item">
 Home

 <li class="nav-item">
 About

 <li class="nav-item">
 Skills

 <li class="nav-item">
 Projects

 <li class="nav-item">
 Contact

 <div class="hamburger" id="hamburger">

 </div>
 </div>
 </nav>

 <!-- Hero Section -->
 <section id="home" class="hero">
 <div class="hero-container">
```

```
<div class="hero-content">
 <div class="hero-avatar">
 <div class="avatar-ring">
 JS
 </div>
 </div>

 <h1 class="hero-title">
 Hi, I'm
 John Smith
 </h1>

 <h2 class="hero-subtitle">Full Stack Developer</h2>

 <p class="hero-description">
 Passionate about creating beautiful, functional, and user-centered digital experiences.
 I bring ideas to life through code and design.
 </p>

 <div class="hero-buttons">

 <i class="fas fa-envelope"></i>
 Get In Touch

 <i class="fas fa-code"></i>
 View My Work

 </div>

 <div class="scroll-indicator">
 <i class="fas fa-chevron-down"></i>
 </div>
</div>
</div>
</section>

<!-- About Section -->
<section id="about" class="about">
 <div class="container">
 <div class="section-header">
 <h2 class="section-title">About Me</h2>
 <div class="section-line"></div>
 </div>

 <div class="about-content">
 <div class="about-text">
 <h3 class="about-title">Crafting Digital Experiences with Passion</h3>

 <p class="about-description">
 I'm a dedicated full-stack developer with over 5 years of experience in creating
 web applications that combine beautiful design with robust functionality. My journey
```



in technology began with a curiosity about how things work, and it has evolved into a passion for building solutions that make a difference.

</p>

<p class="about-description">

When I'm not coding, you'll find me exploring new technologies, contributing to open-source projects, or sharing knowledge with the developer community. I believe in continuous learning and staying current with industry trends.

</p>

<div class="about-features">

<div class="feature">

<div class="feature-icon">

<i class="fas fa-code"></i>

</div>

<p class="feature-text">Clean Code</p>

</div>

<div class="feature">

<div class="feature-icon">

<i class="fas fa-coffee"></i>

</div>

<p class="feature-text">Problem Solver</p>

</div>

<div class="feature">

<div class="feature-icon">

<i class="fas fa-heart"></i>

</div>

<p class="feature-text">Team Player</p>

</div>

</div>

</div>

<div class="about-image">

<div class="image-container">



<div class="experience-badge">

<span class="experience-text">5+</span>

<span class="experience-label">Years</span>

</div>

</div>

</div>

</div>

</div>

</section>

<!-- Skills Section -->

<section id="skills" class="skills">

<div class="container">

<div class="section-header">

```
<h2 class="section-title">Skills & Expertise</h2>
<div class="section-line"></div>
<p class="section-description">
 Here are the technologies and tools I work with to bring ideas to life
</p>
</div>

<div class="skills-content">
 <div class="technical-skills">
 <h3 class="skills-subtitle">Technical Skills</h3>

 <div class="skills-list">
 <div class="skill-item">
 <div class="skill-header">
 JavaScript
 90%
 </div>
 <div class="skill-bar">
 <div class="skill-progress" data-width="90%"></div>
 </div>
 </div>

 <div class="skill-item">
 <div class="skill-header">
 React
 85%
 </div>
 <div class="skill-bar">
 <div class="skill-progress" data-width="85%"></div>
 </div>
 </div>

 <div class="skill-item">
 <div class="skill-header">
 TypeScript
 80%
 </div>
 <div class="skill-bar">
 <div class="skill-progress" data-width="80%"></div>
 </div>
 </div>

 <div class="skill-item">
 <div class="skill-header">
 Node.js
 85%
 </div>
 <div class="skill-bar">
 <div class="skill-progress" data-width="85%"></div>
 </div>
 </div>
 </div>
 </div>
</div>
```

```
<div class="skill-item">
 <div class="skill-header">
 Python
 75%
 </div>
 <div class="skill-bar">
 <div class="skill-progress" data-width="75%"></div>
 </div>
</div>

<div class="skill-item">
 <div class="skill-header">
 CSS/SASS
 90%
 </div>
 <div class="skill-bar">
 <div class="skill-progress" data-width="90%"></div>
 </div>
</div>
</div>

<div class="tools-technologies">
 <h3 class="skills-subtitle">Tools & Technologies</h3>

 <div class="tools-grid">
 <div class="tool-card">
 <i class="fab fa-git-alt"></i>
 Git & GitHub
 </div>

 <div class="tool-card">
 <i class="fab fa-docker"></i>
 Docker
 </div>

 <div class="tool-card">
 <i class="fab fa-aws"></i>
 AWS
 </div>

 <div class="tool-card">
 <i class="fas fa-database"></i>
 MongoDB
 </div>

 <div class="tool-card">
 <i class="fab fa-figma"></i>
 Figma
 </div>

 <div class="tool-card">
```

```

 <i class="fas fa-code"></i>
 VS Code
 </div>
</div>

<div class="learning-card">
 <h4>Always Learning</h4>
 <p>Currently exploring GraphQL, Next.js, and cloud architecture patterns</p>
</div>
</div>
</div>
</div>
</section>

<!-- Projects Section -->
<section id="projects" class="projects">
 <div class="container">
 <div class="section-header">
 <h2 class="section-title">Featured Projects</h2>
 <div class="section-line"></div>
 <p class="section-description">
 A showcase of my recent work and personal projects
 </p>
 </div>

 <div class="projects-grid">
 <!-- Project 1: E-Commerce Platform -->
 <div class="project-card">
 <div class="project-image">

 </div>
 <div class="project-overlay">
 <div class="project-links">

 <i class="fas fa-external-link-alt"></i>

 <i class="fab fa-github"></i>

 </div>
 </div>
 <div class="project-content">
 <h3 class="project-title">E-Commerce Platform</h3>
 <p class="project-description">
 A full-stack e-commerce solution with React, Node.js, and PostgreSQL. Features include user authentication, payment processing, and admin dashboard.
 </p>
 <div class="project-tech">
 React
 Node.js
 PostgreSQL
 </div>
 </div>
 </div>
 </div>
 </div>

```

```

 </div>
 </div>
</div>

<!-- Project 2: Task Management App -->
<div class="project-card">
 <div class="project-image">

 <div class="project-overlay">
 <div class="project-links">

 <i class="fas fa-external-link-alt"></i>

 <i class="fab fa-github"></i>

 </div>
 </div>
 </div>
 <div class="project-content">
 <h3 class="project-title">Task Management App</h3>
 <p class="project-description">
 A collaborative task management application with real-time updates, drag-and-drop
functionality, and team collaboration features.
 </p>
 <div class="project-tech">
 Vue.js
 Socket.io
 MongoDB
 </div>
 </div>
</div>

<!-- Project 3: Weather Dashboard -->
<div class="project-card">
 <div class="project-image">

 <div class="project-overlay">
 <div class="project-links">

 <i class="fas fa-external-link-alt"></i>

 <i class="fab fa-github"></i>

 </div>
 </div>
 </div>
 <div class="project-content">
 <h3 class="project-title">Weather Dashboard</h3>
 </div>
</div>

```

```

 <p class="project-description">
 A responsive weather dashboard with location-based forecasts, interactive maps, and
 detailed weather analytics.
 </p>
 <div class="project-tech">
 JavaScript
 API Integration
 Chart.js
 </div>
 </div>
</div>

<!-- Project 4: Social Media Dashboard -->
<div class="project-card">
 <div class="project-image">

 <div class="project-overlay">
 <div class="project-links">

 <i class="fas fa-external-link-alt"></i>

 <i class="fab fa-github"></i>

 </div>
 </div>
</div>
<div class="project-content">
 <h3 class="project-title">Social Media Dashboard</h3>
 <p class="project-description">
 A comprehensive social media management dashboard with analytics, post scheduling,
 and multi-platform integration.
 </p>
 <div class="project-tech">
 React
 Express
 Redis
 </div>
</div>
</div>

<!-- Project 5: Portfolio Website -->
<div class="project-card">
 <div class="project-image">

 <div class="project-overlay">
 <div class="project-links">

 <i class="fas fa-external-link-alt"></i>


```

```


 <i class="fab fa-github"></i>

 </div>
</div>
</div>
<div class="project-content">
 <h3 class="project-title">Portfolio Website</h3>
 <p class="project-description">
 A modern, responsive portfolio website built with vanilla JavaScript, featuring smooth
 animations and mobile-first design.
 </p>
 <div class="project-tech">
 HTML5
 CSS3
 JavaScript
 </div>
</div>
</div>

<!-- Project 6: API Documentation Tool -->
<div class="project-card">
 <div class="project-image">

 <div class="project-overlay">
 <div class="project-links">

 <i class="fas fa-external-link-alt"></i>

 <i class="fab fa-github"></i>

 </div>
 </div>
</div>
<div class="project-content">
 <h3 class="project-title">API Documentation Tool</h3>
 <p class="project-description">
 An interactive API documentation generator with live testing capabilities, code examples,
 and automatic endpoint discovery.
 </p>
 <div class="project-tech">
 TypeScript
 Swagger
 Docker
 </div>
</div>
</div>
</div>
</div>
</section>

```

```

<!-- Contact Section -->
<section id="contact" class="contact">
 <div class="container">
 <div class="section-header">
 <h2 class="section-title">Get In Touch</h2>
 <div class="section-line"></div>
 <p class="section-description">
 Let's work together to bring your ideas to life
 </p>
 </div>

 <div class="contact-content">
 <div class="contact-info">
 <h3 class="contact-title">Let's Start a Conversation</h3>

 <p class="contact-description">
 I'm always interested in hearing about new projects and opportunities.
 Whether you have a project in mind or just want to chat about technology,
 feel free to reach out!
 </p>

 <div class="contact-details">
 <div class="contact-item">
 <div class="contact-icon">
 <i class="fas fa-envelope"></i>
 </div>
 <div class="contact-text">
 Email
 john.smith@example.com
 </div>
 </div>

 <div class="contact-item">
 <div class="contact-icon">
 <i class="fas fa-phone"></i>
 </div>
 <div class="contact-text">
 Phone
 +1 (234) 567-890
 </div>
 </div>

 <div class="contact-item">
 <div class="contact-icon">
 <i class="fas fa-map-marker-alt"></i>
 </div>
 <div class="contact-text">
 Location
 San Francisco, CA
 </div>
 </div>
 </div>
 </div>
 </div>
 </div>

```



```

</div>

<div class="social-links">

 <i class="fab fa-linkedin"></i>

 <i class="fab fa-github"></i>

 <i class="fab fa-twitter"></i>

 <i class="fas fa-envelope"></i>

</div>
</div>

<div class="contact-form-container">
 <form class="contact-form" id="contact-form">
 <div class="form-group">
 <label for="name">Name</label>
 <input type="text" id="name" name="name" required>
 </div>

 <div class="form-group">
 <label for="email">Email</label>
 <input type="email" id="email" name="email" required>
 </div>

 <div class="form-group">
 <label for="message">Message</label>
 <textarea id="message" name="message" rows="5" required></textarea>
 </div>

 <button type="submit" class="btn btn-primary btn-full">
 <i class="fas fa-paper-plane"></i>
 Send Message
 </button>
 </form>
</div>
</div>
</div>
</section>

<!-- Footer -->
<footer class="footer">
 <div class="container">
 <div class="footer-content">
 <div class="footer-text">
 <p>© 2024 John Smith. All rights reserved.</p>
 </div>
 </div>
 </div>
</footer>

```

```

 <div class="footer-links">
 Home
 About
 Projects
 Contact
 </div>
 </div>
</div>
</footer>

<script src="script.js"></script>
</body>
</html>

```

## **CSS:(styles.css):**

```

/* Reset and Base Styles */
* {
 margin: 0;
 padding: 0;
 box-sizing: border-box;
}

html {
 scroll-behavior: smooth;
}

body {
 font-family: 'Inter', sans-serif;
 line-height: 1.6;
 color: #333;
 overflow-x: hidden;
}

/* Utility Classes */
.container {
 max-width: 1200px;
 margin: 0 auto;
 padding: 0 20px;
}

/* Navigation */
.navbar {
 position: fixed;
 top: 0;
 width: 100%;
 background: rgba(255, 255, 255, 0.95);
 backdrop-filter: blur(10px);
 border-bottom: 1px solid rgba(255, 255, 255, 0.2);
 z-index: 1000;
 transition: all 0.3s ease;
}

.nav-container {

```

```
 max-width: 1200px;
 margin: 0 auto;
 padding: 0 20px;
 display: flex;
 justify-content: space-between;
 align-items: center;
 height: 70px;
}

.nav-logo .logo-text {
 font-size: 1.5rem;
 font-weight: 700;
 background: linear-gradient(135deg, #667eea 0%, #764ba2 100%);
 -webkit-background-clip: text;
 -webkit-text-fill-color: transparent;
 background-clip: text;
}

.nav-menu {
 display: flex;
 list-style: none;
 gap: 2rem;
}

.nav-link {
 text-decoration: none;
 color: #333;
 font-weight: 500;
 padding: 0.5rem 1rem;
 border-radius: 25px;
 transition: all 0.3s ease;
 position: relative;
}

.nav-link:hover,
.nav-link.active {
 background: linear-gradient(135deg, #667eea 0%, #764ba2 100%);
 color: white;
 transform: translateY(-2px);
}

/* Hamburger Menu */
.hamburger {
 display: none;
 flex-direction: column;
 cursor: pointer;
}

.bar {
 width: 25px;
 height: 3px;
 background: #333;
 margin: 3px 0;
 transition: 0.3s;
 border-radius: 2px;
}
```

```
/* Hero Section */
.hero {
 min-height: 100vh;
 background: linear-gradient(135deg, #f5f7fa 0%, #c3cfe2 100%);
 display: flex;
 align-items: center;
 justify-content: center;
 padding-top: 70px;
 position: relative;
 overflow: hidden;
}

.hero::before {
 content: "";
 position: absolute;
 width: 200%;
 height: 200%;
 background: linear-gradient(45deg, transparent, rgba(102, 126, 234, 0.1), transparent);
 animation: rotate 20s linear infinite;
 top: -50%;
 left: -50%;
}

@keyframes rotate {
 0% { transform: rotate(0deg); }
 100% { transform: rotate(360deg); }
}

.hero-container {
 position: relative;
 z-index: 2;
}

.hero-content {
 text-align: center;
 animation: fadeInUp 1s ease;
}

.hero-avatar {
 margin-bottom: 2rem;
}

.avatar-ring {
 width: 120px;
 height: 120px;
 border-radius: 50%;
 background: linear-gradient(135deg, #667eea 0%, #764ba2 100%);
 display: flex;
 align-items: center;
 justify-content: center;
 margin: 0 auto;
 position: relative;
 animation: pulse 2s infinite;
}
```

```
.avatar-text {
 color: white;
 font-size: 2.5rem;
 font-weight: 700;
}

@keyframes pulse {
 0% { box-shadow: 0 0 0 0 rgba(102, 126, 234, 0.4); }
 70% { box-shadow: 0 0 0 10px rgba(102, 126, 234, 0); }
 100% { box-shadow: 0 0 0 0 rgba(102, 126, 234, 0); }
}

.hero-title {
 margin-bottom: 1rem;
}

.greeting {
 display: block;
 font-size: 2.5rem;
 font-weight: 400;
 color: #666;
 margin-bottom: 0.5rem;
}

.name {
 display: block;
 font-size: 4rem;
 font-weight: 800;
 background: linear-gradient(135deg, #667eea 0%, #764ba2 100%);
 -webkit-background-clip: text;
 -webkit-text-fill-color: transparent;
 background-clip: text;
}

.hero-subtitle {
 font-size: 1.5rem;
 font-weight: 600;
 color: #666;
 margin-bottom: 1.5rem;
}

.hero-description {
 font-size: 1.1rem;
 color: #777;
 max-width: 600px;
 margin: 0 auto 2.5rem;
 line-height: 1.8;
}

.hero-buttons {
 display: flex;
 gap: 1rem;
 justify-content: center;
 margin-bottom: 3rem;
}
```

```
.btn {
 display: inline-flex;
 align-items: center;
 gap: 0.5rem;
 padding: 1rem 2rem;
 border: none;
 border-radius: 50px;
 font-size: 1rem;
 font-weight: 600;
 text-decoration: none;
 transition: all 0.3s ease;
 cursor: pointer;
}

.btn-primary {
 background: linear-gradient(135deg, #667eea 0%, #764ba2 100%);
 color: white;
 box-shadow: 0 4px 15px rgba(102, 126, 234, 0.3);
}

.btn-primary:hover {
 transform: translateY(-3px);
 box-shadow: 0 8px 25px rgba(102, 126, 234, 0.4);
}

.btn-secondary {
 background: transparent;
 color: #333;
 border: 2px solid #ddd;
}

.btn-secondary:hover {
 border-color: #667eea;
 color: #667eea;
 transform: translateY(-3px);
 box-shadow: 0 8px 25px rgba(102, 126, 234, 0.2);
}

.scroll-indicator {
 animation: bounce 2s infinite;
 color: #999;
 font-size: 1.5rem;
}

@keyframes bounce {
 0%, 20%, 50%, 80%, 100% { transform: translateY(0); }
 40% { transform: translateY(-10px); }
 60% { transform: translateY(-5px); }
}

@keyframes fadeInUp {
 from {
 opacity: 0;
 transform: translateY(50px);
 }
 to {
```

```
 opacity: 1;
 transform: translateY(0);
 }
}

/* Section Styles */
.section-header {
 text-align: center;
 margin-bottom: 4rem;
}

.section-title {
 font-size: 2.5rem;
 font-weight: 700;
 color: #333;
 margin-bottom: 1rem;
}

.section-line {
 width: 60px;
 height: 4px;
 background: linear-gradient(135deg, #667eea 0%, #764ba2 100%);
 margin: 0 auto 1rem;
 border-radius: 2px;
}

.section-description {
 font-size: 1.1rem;
 color: #666;
 max-width: 600px;
 margin: 0 auto;
}

/* About Section */
.about {
 padding: 5rem 0;
 background: #fff;
}

.about-content {
 display: grid;
 grid-template-columns: 1fr 1fr;
 gap: 4rem;
 align-items: center;
}

.about-title {
 font-size: 1.8rem;
 font-weight: 700;
 color: #333;
 margin-bottom: 1.5rem;
}

.about-description {
 color: #666;
 margin-bottom: 1.5rem;
}
```

```
 line-height: 1.8;
 }

.about-features {
 display: flex;
 gap: 2rem;
}

.feature {
 text-align: center;
}

.feature-icon {
 width: 60px;
 height: 60px;
 border-radius: 50%;
 display: flex;
 align-items: center;
 justify-content: center;
 margin: 0 auto 0.5rem;
 font-size: 1.5rem;
}

.feature:nth-child(1) .feature-icon {
 background: rgba(102, 126, 234, 0.1);
 color: #667eea;
}

.feature:nth-child(2) .feature-icon {
 background: rgba(118, 75, 162, 0.1);
 color: #764ba2;
}

.feature:nth-child(3) .feature-icon {
 background: rgba(236, 72, 153, 0.1);
 color: #ec4899;
}

.feature-text {
 font-weight: 600;
 color: #333;
}

.about-image {
 position: relative;
}

.image-container {
 position: relative;
 border-radius: 20px;
 overflow: hidden;
 box-shadow: 0 20px 40px rgba(0, 0, 0, 0.1);
}

.profile-img {
 width: 100%;
```



```
 height: 400px;
 object-fit: cover;
}

.experience-badge {
 position: absolute;
 bottom: -20px;
 right: -20px;
 background: linear-gradient(135deg, #667eea 0%, #764ba2 100%);
 color: white;
 padding: 1rem;
 border-radius: 15px;
 text-align: center;
 box-shadow: 0 10px 30px rgba(102, 126, 234, 0.3);
}

.experience-text {
 display: block;
 font-size: 1.5rem;
 font-weight: 700;
}

.experience-label {
 display: block;
 font-size: 0.9rem;
 opacity: 0.9;
}

/* Skills Section */
.skills {
 padding: 5rem 0;
 background: #f8fafc;
}

.skills-content {
 display: grid;
 grid-template-columns: 1fr 1fr;
 gap: 4rem;
}

.skills-subtitle {
 font-size: 1.5rem;
 font-weight: 700;
 color: #333;
 margin-bottom: 2rem;
}

.skills-list {
 gap: 1.5rem;
}

.skill-item {
 margin-bottom: 1.5rem;
}

.skill-header {
```

```
 display: flex;
 justify-content: space-between;
 align-items: center;
 margin-bottom: 0.5rem;
}

.skill-name {
 font-weight: 600;
 color: #333;
}

.skill-percentage {
 font-size: 0.9rem;
 color: #666;
}

.skill-bar {
 height: 8px;
 background: #e2e8f0;
 border-radius: 4px;
 overflow: hidden;
}

.skill-progress {
 height: 100%;
 background: linear-gradient(135deg, #667eea 0%, #764ba2 100%);
 border-radius: 4px;
 width: 0;
 transition: width 2s ease-in-out;
}

.tools-grid {
 display: grid;
 grid-template-columns: repeat(2, 1fr);
 gap: 1rem;
 margin-bottom: 2rem;
}

.tool-card {
 background: white;
 padding: 1.5rem;
 border-radius: 10px;
 box-shadow: 0 2px 10px rgba(0, 0, 0, 0.1);
 display: flex;
 flex-direction: column;
 align-items: center;
 text-align: center;
 transition: all 0.3s ease;
}

.tool-card:hover {
 transform: translateY(-5px);
 box-shadow: 0 10px 25px rgba(0, 0, 0, 0.15);
}

.tool-card i {
```

```
 font-size: 2rem;
 color: #667eea;
 margin-bottom: 0.5rem;
}

.tool-card span {
 font-weight: 600;
 color: #333;
}

.learning-card {
 background: linear-gradient(135deg, #667eea 0%, #764ba2 100%);
 padding: 1.5rem;
 border-radius: 15px;
 color: white;
}

.learning-card h4 {
 font-size: 1.2rem;
 margin-bottom: 0.5rem;
}

.learning-card p {
 opacity: 0.9;
 line-height: 1.6;
}

/* Projects Section */
.projects {
 padding: 5rem 0;
 background: white;
}

.projects-grid {
 display: grid;
 grid-template-columns: repeat(auto-fit, minmax(350px, 1fr));
 gap: 2rem;
}

.project-card {
 background: white;
 border-radius: 15px;
 overflow: hidden;
 box-shadow: 0 5px 20px rgba(0, 0, 0, 0.1);
 transition: all 0.3s ease;
}

.project-card:hover {
 transform: translateY(-10px);
 box-shadow: 0 20px 40px rgba(0, 0, 0, 0.15);
}

.project-image {
 position: relative;
 height: 200px;
 overflow: hidden;
```

```
}

.project-image img {
 width: 100%;
 height: 100%;
 object-fit: cover;
 transition: transform 0.3s ease;
}

.project-card:hover .project-image img {
 transform: scale(1.1);
}

.project-overlay {
 position: absolute;
 top: 0;
 left: 0;
 right: 0;
 bottom: 0;
 background: rgba(102, 126, 234, 0.9);
 display: flex;
 align-items: center;
 justify-content: center;
 opacity: 0;
 transition: opacity 0.3s ease;
}

.project-card:hover .project-overlay {
 opacity: 1;
}

.project-links {
 display: flex;
 gap: 1rem;
}

.project-link {
 width: 50px;
 height: 50px;
 border-radius: 50%;
 background: white;
 display: flex;
 align-items: center;
 justify-content: center;
 color: #667eea;
 text-decoration: none;
 transition: all 0.3s ease;
}

.project-link:hover {
 transform: scale(1.1);
 background: #667eea;
 color: white;
}

.project-content {
```

```
padding: 2rem;
}

.project-title {
 font-size: 1.3rem;
 font-weight: 700;
 color: #333;
 margin-bottom: 1rem;
}

.project-description {
 color: #666;
 line-height: 1.6;
 margin-bottom: 1.5rem;
}

.project-tech {
 display: flex;
 flex-wrap: wrap;
 gap: 0.5rem;
}

.tech-tag {
 background: rgba(102, 126, 234, 0.1);
 color: #667eea;
 padding: 0.3rem 0.8rem;
 border-radius: 15px;
 font-size: 0.85rem;
 font-weight: 500;
}

/* Contact Section */
.contact {
 padding: 5rem 0;
 background: linear-gradient(135deg, #f8fafc 0%, #e2e8f0 100%);
}

.contact-content {
 display: grid;
 grid-template-columns: 1fr 1fr;
 gap: 4rem;
}

.contact-title {
 font-size: 1.8rem;
 font-weight: 700;
 color: #333;
 margin-bottom: 1rem;
}

.contact-description {
 color: #666;
 line-height: 1.8;
 margin-bottom: 2rem;
}
```

```
.contact-details {
 margin-bottom: 2rem;
}

.contact-item {
 display: flex;
 align-items: center;
 gap: 1rem;
 margin-bottom: 1.5rem;
}

.contact-icon {
 width: 50px;
 height: 50px;
 border-radius: 50%;
 background: linear-gradient(135deg, #667eea 0%, #764ba2 100%);
 display: flex;
 align-items: center;
 justify-content: center;
 color: white;
 font-size: 1.2rem;
}

.contact-text span:first-child {
 display: block;
 font-weight: 600;
 color: #333;
 margin-bottom: 0.2rem;
}

.contact-text a,
.contact-text span:last-child {
 color: #666;
 text-decoration: none;
}

.contact-text a:hover {
 color: #667eea;
}

.social-links {
 display: flex;
 gap: 1rem;
}

.social-link {
 width: 50px;
 height: 50px;
 border-radius: 50%;
 background: white;
 display: flex;
 align-items: center;
 justify-content: center;
 color: #667eea;
 text-decoration: none;
 box-shadow: 0 2px 10px rgba(0, 0, 0, 0.1);
}
```

```
 transition: all 0.3s ease;
}

.social-link:hover {
 background: linear-gradient(135deg, #667eea 0%, #764ba2 100%);
 color: white;
 transform: translateY(-3px);
 box-shadow: 0 5px 20px rgba(102, 126, 234, 0.3);
}

/* Contact Form */
.contact-form-container {
 background: white;
 padding: 2.5rem;
 border-radius: 15px;
 box-shadow: 0 10px 30px rgba(0, 0, 0, 0.1);
}

.form-group {
 margin-bottom: 1.5rem;
}

.form-group label {
 display: block;
 font-weight: 600;
 color: #333;
 margin-bottom: 0.5rem;
}

.form-group input,
.form-group textarea {
 width: 100%;
 padding: 0.8rem 1rem;
 border: 2px solid #e2e8f0;
 border-radius: 8px;
 font-size: 1rem;
 transition: border-color 0.3s ease;
 font-family: inherit;
}

.form-group input:focus,
.form-group textarea:focus {
 outline: none;
 border-color: #667eea;
}

.form-group textarea {
 resize: vertical;
 min-height: 120px;
}

.btn-full {
 width: 100%;
 justify-content: center;
}
```

```
/* Footer */
.footer {
 background: #1a202c;
 color: white;
 padding: 2rem 0;
}

.footer-content {
 display: flex;
 justify-content: space-between;
 align-items: center;
}

.footer-links {
 display: flex;
 gap: 2rem;
}

.footer-links a {
 color: #a0aec0;
 text-decoration: none;
 transition: color 0.3s ease;
}

.footer-links a:hover {
 color: white;
}

/* Responsive Design */
@media (max-width: 1024px) {
 .about-content,
 .skills-content,
 .contact-content {
 grid-template-columns: 1fr;
 gap: 2rem;
 }

 .about-image {
 order: -1;
 }

 .projects-grid {
 grid-template-columns: repeat(auto-fit, minmax(300px, 1fr));
 }
}

@media (max-width: 768px) {
 .hamburger {
 display: flex;
 }

 .nav-menu {
 position: fixed;
 left: -100%;
 top: 70px;
 flex-direction: column;
 }
}
```



```
background-color: rgba(255, 255, 255, 0.95);
backdrop-filter: blur(10px);
width: 100%;
text-align: center;
transition: 0.3s;
box-shadow: 0 10px 27px rgba(0, 0, 0, 0.05);
padding: 2rem 0;
}
```

```
.nav-menu.active {
 left: 0;
}
```

```
.hamburger.active .bar:nth-child(2) {
 opacity: 0;
}
```

```
.hamburger.active .bar:nth-child(1) {
 transform: translateY(8px) rotate(45deg);
}
```

```
.hamburger.active .bar:nth-child(3) {
 transform: translateY(-8px) rotate(-45deg);
}
```

```
.greeting {
 font-size: 2rem;
}
```

```
.name {
 font-size: 3rem;
}
```

```
.hero-subtitle {
 font-size: 1.2rem;
}
```

```
.hero-buttons {
 flex-direction: column;
 align-items: center;
}
```

```
.about-features {
 justify-content: center;
}
```

```
.tools-grid {
 grid-template-columns: 1fr;
}
```

```
.projects-grid {
 grid-template-columns: 1fr;
}
```

```
.footer-content {
 flex-direction: column;
 gap: 1rem;
}
```

```

 text-align: center;
 }

 .footer-links {
 justify-content: center;
 }
}

@media (max-width: 480px) {
 .container {
 padding: 0 15px;
 }

 .section-title {
 font-size: 2rem;
 }

 .greeting {
 font-size: 1.5rem;
 }

 .name {
 font-size: 2.5rem;
 }

 .btn {
 padding: 0.8rem 1.5rem;
 font-size: 0.9rem;
 }

 .about-features {
 flex-direction: column;
 gap: 1rem;
 }

 .contact-form-container {
 padding: 1.5rem;
 }
}

```

## **JavaScript:(script.js):**

```

// Mobile Navigation Toggle
const hamburger = document.querySelector('#hamburger');
const navMenu = document.querySelector('#nav-menu');

hamburger.addEventListener('click', () => {
 hamburger.classList.toggle('active');
 navMenu.classList.toggle('active');
});

// Close mobile menu when clicking on a link
document.querySelectorAll('.nav-link').forEach(n => n.addEventListener('click', () => {
 hamburger.classList.remove('active');
 navMenu.classList.remove('active');
}));

// Smooth Scrolling for Navigation Links

```

```

document.querySelectorAll('a[href^="#"]').forEach(anchor => {
 anchor.addEventListener('click', function (e) {
 e.preventDefault();
 const target = document.querySelector(this.getAttribute('href'));
 if (target) {
 target.scrollIntoView({
 behavior: 'smooth',
 block: 'start'
 });
 }
 });
});

// Active Navigation Link Highlighting
window.addEventListener('scroll', () => {
 let current = "";
 const sections = document.querySelectorAll('section');

 sections.forEach(section => {
 const sectionTop = section.offsetTop;
 const sectionHeight = section.clientHeight;
 if (scrollY >= sectionTop - 200) {
 current = section.getAttribute('id');
 }
 });

 document.querySelectorAll('.nav-link').forEach(link => {
 link.classList.remove('active');
 if (link.getAttribute('href') === `#${current}`) {
 link.classList.add('active');
 }
 });
});

// Animate Skill Bars on Scroll
const observerOptions = {
 threshold: 0.3,
 rootMargin: '0px 0px -50px 0px'
};

const skillsObserver = new IntersectionObserver((entries) => {
 entries.forEach(entry => {
 if (entry.isIntersecting) {
 const skillBars = entry.target.querySelectorAll('.skill-progress');
 skillBars.forEach(bar => {
 const width = bar.getAttribute('data-width');
 setTimeout(() => {
 bar.style.width = width;
 }, 200);
 });
 skillsObserver.unobserve(entry.target);
 }
 });
}, observerOptions);

const skillsSection = document.querySelector('#skills');

```

```

if (skillsSection) {
 skillsObserver.observe(skillsSection);
}

// Animate Elements on Scroll
const animateObserver = new IntersectionObserver((entries) => {
 entries.forEach(entry => {
 if (entry.isIntersecting) {
 entry.target.style.opacity = '1';
 entry.target.style.transform = 'translateY(0)';
 }
 });
});

}, {
 threshold: 0.1,
 rootMargin: '0px 0px -50px 0px'
});

// Add animation to elements
document.addEventListener('DOMContentLoaded', () => {
 const animatedElements = document.querySelectorAll('.project-card, .tool-card, .contact-item');

 animatedElements.forEach(el => {
 el.style.opacity = '0';
 el.style.transform = 'translateY(30px)';
 el.style.transition = 'opacity 0.6s ease, transform 0.6s ease';
 animateObserver.observe(el);
 });
});

// Contact Form Handling
const contactForm = document.getElementById('contact-form');
if (contactForm) {
 contactForm.addEventListener('submit', function(e) {
 e.preventDefault();

 const name = document.getElementById('name').value;
 const email = document.getElementById('email').value;
 const message = document.getElementById('message').value;

 if (name && email && message) {
 // Create mailto link
 const subject = encodeURIComponent(`Portfolio Contact from ${name}`);
 const body = encodeURIComponent(`Name: ${name}\nEmail: ${email}\n\nMessage:\n${message}`);
 const mailtoLink = `mailto:john.smith@example.com?subject=${subject}&body=${body}`;

 // Open default email client
 window.location.href = mailtoLink;

 // Show success message
 alert('Thank you for your message! Your default email client should open now.');
```

// Reset form

```

 contactForm.reset();
 } else {
 alert('Please fill in all fields.');
```

```

 });
}

// Navbar Background on Scroll
window.addEventListener('scroll', () => {
 const navbar = document.querySelector('.navbar');
 if (window.scrollY > 100) {
 navbar.style.background = 'rgba(255, 255, 255, 0.98)';
 navbar.style.boxShadow = '0 2px 20px rgba(0, 0, 0, 0.1)';
 } else {
 navbar.style.background = 'rgba(255, 255, 255, 0.95)';
 navbar.style.boxShadow = 'none';
 }
});

// Typing Effect for Hero Section (Optional Enhancement)
document.addEventListener('DOMContentLoaded', () => {
 const nameElement = document.querySelector('.name');
 if (nameElement) {
 const text = nameElement.textContent;
 nameElement.textContent = "";
 nameElement.style.borderRight = '2px solid #667eea';

 let i = 0;
 const typeWriter = () => {
 if (i < text.length) {
 nameElement.textContent += text.charAt(i);
 i++;
 setTimeout(typeWriter, 100);
 } else {
 setTimeout(() => {
 nameElement.style.borderRight = 'none';
 }, 1000);
 }
 };

 setTimeout(typeWriter, 1000);
 }
});

// Parallax Effect for Hero Section
window.addEventListener('scroll', () => {
 const scrolled = window.pageYOffset;
 const hero = document.querySelector('.hero');
 if (hero) {
 const parallax = scrolled * 0.5;
 hero.style.transform = `translateY(${parallax}px)`;
 }
});

// Add Loading Animation
window.addEventListener('load', () => {
 document.body.classList.add('loaded');

 // Add some initial animations
 const heroContent = document.querySelector('.hero-content');

```

```

 if (heroContent) {
 heroContent.style.animation = 'fadeInUp 1s ease forwards';
 }
 });

// Smooth Reveal Animation for Sections
const revealObserver = new IntersectionObserver((entries) => {
 entries.forEach(entry => {
 if (entry.isIntersecting) {
 entry.target.classList.add('revealed');
 }
 });
}, {
 threshold: 0.15
});

document.querySelectorAll('section').forEach(section => {
 revealObserver.observe(section);
});

// Add CSS for reveal animation
const style = document.createElement('style');
style.textContent = `
 section {
 opacity: 0;
 transform: translateY(50px);
 transition: opacity 0.8s ease, transform 0.8s ease;
 }

 section.revealed {
 opacity: 1;
 transform: translateY(0);
 }

 #home {
 opacity: 1;
 transform: translateY(0);
 }
`;
document.head.appendChild(style);

```