# Sagar Sharma - MBA Portfolio

A modern, responsive portfolio website built with HTML, CSS, and JavaScript featuring dark theme design, 3D animations, and smooth user interactions.

## 🌟 Features

* **Modern Dark Theme**: Professional black background with white text and orange accents
* **3D Animations**: Three.js powered particle background and interactive 3D globe
* **Smooth Animations**: GSAP-powered scroll animations and transitions
* **Fully Responsive**: Works perfectly on desktop, tablet, and mobile devices
* **Interactive Elements**: Custom cursor, hover effects, and 3D project card tilts
* **Clean Code Structure**: Organized, maintainable, and well-commented code

## 📁 Project Structure

portfolio/

├── index.html # Main HTML file

├── styles.css # CSS styles and responsive design

├── script.js # JavaScript functionality and animations

├── README.md # This documentation file

└── assets/

├── images/

│ ├── profile.jpg # Profile picture for hero section

│ ├── about.jpg # About section image

│ ├── project1.jpg # Market Expansion project

│ ├── project2.jpg # Operational Efficiency project

│ ├── project3.jpg # Digital Transformation project

│ ├── project4.jpg # Sustainable Business project

│ ├── project5.jpg # E-commerce Strategy project

│ └── project6.jpg # Startup Advisory project

└── documents/

└── resume.pdf # Downloadable resume

## 🎨 Color Scheme

* **Primary**: #ffffff (White)
* **Secondary**: #ffffff (White)
* **Accent**: #ff6b35 (Orange)
* **Background**: #000000 (Black)
* **Success**: #00ff88 (Green)
* **Warning**: #ff4757 (Red)

## 🛠️ Technologies Used

* **HTML5**: Semantic markup structure
* **CSS3**: Modern styling with CSS Grid, Flexbox, and animations
* **JavaScript (ES6+)**: Interactive functionality
* **Three.js**: 3D graphics and animations
* **GSAP**: Advanced animations and scroll triggers
* **Font Awesome**: Icon library
* **Google Fonts**: Montserrat and Raleway font families

## 📱 Responsive Design

The portfolio is fully responsive with breakpoints at:

* Desktop: 1024px+
* Tablet: 768px - 1023px
* Mobile: 320px - 767px

## 🚀 Getting Started

### 1. Download/Clone the Files

Save all the provided files in the same directory:

* index.html
* styles.css
* script.js

### 2. Create Assets Folder

Create the following folder structure:

assets/

├── images/

└── documents/

### 3. Add Your Images

Replace placeholder images with your own:

* profile.jpg (400x400px) - Your profile picture
* about.jpg (600x400px) - About section image
* project1-6.jpg (400x200px) - Project showcase images

### 4. Add Your Resume

* Place your resume as resume.pdf in the assets/documents/ folder

### 5. Customize Content

Edit the following sections in index.html:

#### **Personal Information**

* Update name from "Sagar Sharma" to your name
* Change contact information (email, phone, location)
* Update social media links

#### **About Section**

* Modify the about text to reflect your background
* Update education details and experience

#### **Skills Section**

* Customize skill titles and descriptions
* Add or remove skill cards as needed

#### **Projects Section**

* Replace project titles, descriptions, and tags
* Update project images and links

#### **Contact Section**

* Update contact information
* Modify form action if using a backend service

## 🎯 Customization Guide

### Changing Colors

Edit the CSS variables in styles.css:

:root {

--primary: #ffffff; /\* Primary color \*/

--secondary: #ffffff; /\* Secondary color \*/

--accent: #ff6b35; /\* Accent color (orange) \*/

--light-bg: #000000; /\* Background color \*/

--text: #ffffff; /\* Text color \*/

}

### Adding New Sections

1. Add HTML structure in index.html
2. Add corresponding styles in styles.css
3. Add animations in script.js if needed

### Modifying Animations

Edit animation parameters in script.js:

* Change duration, delay, and easing
* Modify Three.js particle settings
* Adjust scroll trigger points

## 📧 Contact Form Setup

The contact form currently uses basic HTML. To make it functional:

### Option 1: Formspree (Recommended)

1. Sign up at [formspree.io](https://formspree.io/)
2. Update the form action:

<form action="https://formspree.io/f/YOUR\_FORM\_ID" method="POST">

### Option 2: Netlify Forms

1. Deploy to Netlify
2. Add netlify attribute to form:

<form name="contact" netlify>

### Option 3: Custom Backend

* Set up your own server endpoint
* Update form action and add proper validation

## 🌐 Deployment

### GitHub Pages

1. Create a GitHub repository
2. Upload all files
3. Go to Settings > Pages
4. Select source branch
5. Your site will be available at username.github.io/repository-name

### Netlify

1. Drag and drop your folder to [netlify.com](https://netlify.com/)
2. Your site will be live instantly with a custom URL

### Vercel

1. Install Vercel CLI: npm i -g vercel
2. Run vercel in your project directory
3. Follow the prompts

## 🔧 Performance Optimization

### Image Optimization

* Use WebP format for better compression
* Implement lazy loading for images
* Compress images to appropriate sizes

### Code Optimization

* Minify CSS and JavaScript for production
* Use CDN links for external libraries
* Enable gzip compression on your server

## 🆘 Troubleshooting

### Common Issues

**Three.js not loading:**

* Check console for errors
* Ensure Three.js CDN is accessible
* Verify browser supports WebGL

**Animations not working:**

* Check if GSAP is loaded properly
* Ensure ScrollTrigger plugin is included
* Verify CSS transforms are supported

**Mobile responsiveness issues:**

* Test on actual devices, not just browser resize
* Check viewport meta tag
* Verify touch events work properly

**Form not submitting:**

* Check form action URL
* Verify method is POST
* Ensure all required fields are filled

## 📄 Browser Support

* Chrome 60+
* Firefox 55+
* Safari 12+
* Edge 79+
* Mobile browsers (iOS Safari 12+, Chrome Mobile 60+)

## 📚 Resources

* [Three.js Documentation](https://threejs.org/docs/)
* [GSAP Documentation](https://greensock.com/docs/)
* [CSS Grid Guide](https://css-tricks.com/snippets/css/complete-guide-grid/)
* [Responsive Design Patterns](https://developers.google.com/web/fundamentals/design-and-ux/responsive/)

## 🤝 Contributing

If you find bugs or want to improve the portfolio:

1. Fork the repository
2. Create a feature branch
3. Make your changes
4. Test thoroughly
5. Submit a pull request

## 📜 License

This project is open source and available under the [MIT License](https://claude.ai/chat/LICENSE).

## 📞 Support

If you need help customizing this portfolio:

* Create an issue on GitHub
* Check the troubleshooting section above
* Review the documentation links

**Built with ❤️ for modern web development**

*Last updated: January 2025*