PORTFOLIO WEBSITE:

A \*personal portfolio website\* built using \*ReactJS, HTML, CSS, and JavaScript\* to showcase my skills, projects, education, and achievements as a \*Web Developer\*.

The portfolio is fully responsive, interactive, and deployed online using \*GitHub Pages / Netlify\*.

PROJECT OVERVIEW:

The goal of this project is to design and develop a professional online portfolio that highlights:

- My \*technical skills\* and \*tools\*.

- A collection of \*projects\* with live demos.

- \*Contact options\* for collaboration or job opportunities.

This portfolio serves as an \*online resume\* and personal branding platform.

OBJECTIVE:

To create a responsive, user-friendly portfolio that:

- Represents my professional profile and achievements.

- Demonstrates my front-end development skills.

- Provides a central place for showcasing my projects and expertise.

TECH STACK:

| Category | Technologies |

|-----------|---------------|

| \*Frontend\* | ReactJS, HTML5, CSS3, JavaScript |

| \*Styling\* | Tailwind CSS / Bootstrap |

| \*Version Control\* | Git & GitHub |

| \*Deployment\* | GitHub Pages / Netlify |

| \*Editor\* | Visual Studio Code |

| \*Optional Tools\* | EmailJS, Firebase, React Scroll |

FOLDER STRUCTURE:

portfolio-website/

│

├── public/

│ ├── index.html

│ └── favicon.ico

│

├── src/

│ ├── components/

│ │ ├── Home.js

│ │ ├── About.js

│ │ ├── Projects.js

│ │ ├── Skills.js

│ │ ├── Contact.js

│ ├── App.js

│ ├── App.css

│ ├── index.js

│

├── package.json

└── README.md

markdown

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FEATURES:

- \*Home Section\* – Short intro with name and title.

- \*About Section\* – Education, interests, and bio.

- \*Projects Section\* – Dynamic project cards with images and links.

- \*Skills Section\* – Technical and soft skills displayed with icons.

- \*Contact Section\* – Interactive contact form using \*EmailJS\* or \*Firebase\*.

- \*Responsive Design\* – Works smoothly across all devices.

- \*Animations & UI Enhancements\* – Clean layout, hover effects, and transitions.

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INSTALLATION & SETUP:

1. \*Clone this repository\*

```bash

Navigate to the project folder

bash

Copy code

cd portfolio-website

Install dependencies

bash

Copy code

npm install

Run the project locally

bash

Copy code

npm start

Build the project for deployment

bash

Copy code

npm run build

Deployment

GitHub Pages

Add "homepage" field in package.json:

json

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Deploy using:

bash

Copy code

npm run deploy

Netlify

Go to Netlify.

Import your GitHub repository.

CONFIGURE BUILD SETTINGS:

yaml

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Build Command: npm run build

Publish Directory: build

Deploy your site — done!

Enhancements & Future Scope

Add backend integration for form storage.

Add dark/light theme toggle.

Add blog or case study section.

Include testimonials and client feedback.

Improve SEO optimization.

Optimize load time and performance.Performance & Security Checks

HTTPS & SSL encryption enabled

Input validation for forms

Responsive across all devices

Performance tested via GTmetrix and Google PageSpeed

Regular updates and dependency maintenance

Learning Outcomes

Learned component-based design in ReactJS

Gained hands-on experience in deployment using GitHub Pages & Netlify.

Improved understanding of responsive UI, animations, and API integration.

AUTHOR:

Name: Navitha U

Department: Computer Science & Engineering

College: Dr. G.U. Pope College of Engineering

Mobile: 9047627313

Email: [udayakumar7313@gmail.com](mailto:udayakumar7313@gmail.com)

LinkedIn:  [https://www.linkedin.com/in/navitha-u-a688b631a?utm\_source=share&utm\_campaign=share\_via&utm\_content=profile&utm\_medium=android\_app](%20https://www.linkedin.com/in/navitha-u-a688b631a?utm_source=share&utm_campaign=share_via&utm_content=profile&utm_medium=android_app%20)

GitHub: https://github.com/NavithaU

Live Demo

Visit My Portfolio

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