I2V CONSULTING WEBSITE — DEVELOPER HANDOVER DOCUMENT

1. TECHNOLOGIES USED

- React.js (Vite bundler)

- Tailwind CSS for styling

- PostCSS + Tailwind plugin

- React Router for page routing

- JavaScript (ES6)

- Node.js + npm ecosystem

- Git + GitHub for version control

2. REQUIRED SOFTWARE INSTALLATIONS

Install the following on the developer's system:

- Node.js LTS version (from nodejs.org)

- VS Code (recommended)

- Git (git-scm.com)

- Browser: Chrome or Edge

- Optional: Postman (for future API testing)

- Optional: GitHub Desktop

3. PROJECT SETUP COMMANDS

Clone repository:

$ git clone

$ cd i2v-consulting-site

Install dependencies:

$ npm install

Start development server:

$ npm run dev

Build production bundle:

$ npm run build

Preview production build:

$ npm run preview

4. GITHUB WORKFLOW

Check current status:

$ git status

Add files:

$ git add .

Commit code:

$ git commit -m "Your message"

Push updates:

$ git push origin main

Pull latest code:

$ git pull origin main

Create a new branch:

$ git checkout -b feature-name

Switch branches:

$ git checkout main

Merge feature into main:

$ git merge feature-name

5. PROJECT STRUCTURE OVERVIEW

- /src

- /components — Navbar, footer, UI components

- /pages — Home, About, Services, Contact

- /assets — Images and logos

- App.jsx — Routing setup

- main.jsx — Entry point

- /public — Static assets

- tailwind.config.js — Tailwind setup

- postcss.config.js — PostCSS setup

- package.json — Dependencies

- index.css — Tailwind imports

6. TAILWIND USAGE EXAMPLES

Class usage:

Responsive styles:

Flex utilities:

7. TROUBLESHOOTING

If node modules break:

$ rm -rf node_modules

$ npm install

If Tailwind not working:

- Check tailwind.config.js content paths

- Check PostCSS config

If Vite errors:

$ npm run dev -- --force

8. DEPLOYMENT NOTES

To deploy to hosting platforms:

- Netlify

- Vercel

- GitHub Pages (via build output)

- AWS S3 static hosting

Output folder:

dist/

9. SUMMARY

This project is built with modern, maintainable technologies suitable for scalable UI development. Follow Git workflow instructions and install required software before contributing.