React Basic

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| Full Name of the Student | Avinash Thokala |
| Student Number | 500223817 |
| Link to GitHub Project | https://github.com/AvinashThokala/ReactProject.git |

Note:- Flexbox layout added at last.

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| STEP #: | Creating React app from command prompt |
| SCREENSHOT: | |
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| EXPLANATION | Creating app using command npx create-react-app@latest blog. Before creating app checked whether node js is installed or not by using node -v command |

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| STEP #: | Importing the Blog app into visual studio code |
| SCREENSHOT: | |
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| EXPLANATION | Imported the already created folder into visual studio code |

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| STEP #: | Intializing git inside the app folder |
| SCREENSHOT: | |
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| EXPLANATION | Opened the command prompt inside the project parent folder and given command git init to initialize the git. |

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| STEP #: | Created Component folder inside src folder in project structure |
| SCREENSHOT: | |
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| EXPLANATION | Right clicked on the src folder to create components folder. Components are used to re-use them in entire application which allows us to avoid boiler code. Components make app scalable and reusable. |

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| STEP #: | Added Header.js file in components and written the code |
| SCREENSHOT: | |
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| EXPLANATION | In header.js added the code related to the heading and links to profile, education, experience |

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| STEP #: | Added header.css in components |
| SCREENSHOT: | |
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| EXPLANATION | Added styling code to the header like padding, background colours |

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| STEP #: | Added Main.js in the component |
| SCREENSHOT: | |
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| EXPLANATION | Main.js that displays sections for a professional summary, education, work experience, and blog posts. It maps over an array of blog posts to dynamically render each post with a title, publication date, author, image, and content. |

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| STEP #: | Added Main.css |
| SCREENSHOT: | |
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| EXPLANATION | In this file added styling code for the blogs and images in main body |

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| STEP #: | Added footer.js file |
| SCREENSHOT: | |
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| EXPLANATION | In Footer.js file added the code which contains connect option which will redirect to my linkedin profile |

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| STEP #: | Added Footer.js file |
| SCREENSHOT: | |
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| EXPLANATION | Added styling to the footer in this file like background colour, padding. |

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| STEP #: | Running the app |
| SCREENSHOT: | |
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| EXPLANATION | Ruuning the app from terminal using npm start command. |

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| STEP #: | Output |
| SCREENSHOT: | |
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| EXPLANATION | Above are the screenshots after running the app |

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| STEP #: | Creating Repository github |
| SCREENSHOT: | |
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| EXPLANATION | Created repository in github website using the name ReactProject |

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| STEP #: | Committing file to repository |
| SCREENSHOT: | |
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| EXPLANATION | First staged the files using git add . command.  Second committed the files using git commit command  After committed connected to the remote repo using git remote add origin command  Pushed the repo using git push cammand |

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| STEP #: | Repository after pushing the code |
| SCREENSHOT: | |
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| EXPLANATION | Final Repository after pushing the files |

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| STEP #: | Using FlexBox Html code |
| SCREENSHOT:  <!DOCTYPE html>  <html lang="en">  <head>      <meta charset="UTF-8">      <meta name="viewport" content="width=device-width, initial-scale=1.0">      <title>Avinash Thokala's Professional Blog</title>      <link rel="stylesheet" href="flexbox.css">  </head>  <body>      <header>          <h1>Avinash Thokala's Professional Blog</h1>          <nav>              <ul>                  <li><a href="#profile">Profile</a></li>                  <li><a href="#education">Education</a></li>                  <li><a href="#experience">Experience</a></li>              </ul>          </nav>      </header>      <main>          <section id="profile">              <h2>Professional Summary</h2>              <p>Experienced Java Developer with 4.5 years of proficiency in web and mobile application development. Skilled in Java, J2EE, Hibernate, Spring, and Spring Boot. Demonstrated expertise in software design, development, and problem-solving.</p>          </section>          <section id="education">              <h2>Education & Qualifications</h2>              <p><strong>Loyalist College, Toronto, ON</strong> - Ontario College Graduate Certificate in Computer Software and Database Development, May 2023 to Present</p>              <p><strong>KKR & KSR Institute of Technology and Sciences, Guntur, India</strong> - Bachelor of Technology in Electronics & Communications Engineering, 2014 to 2018</p>          </section>          <section id="experience">              <h2>Work Experience</h2>              <article>                  <h3>Maveric Systems Ltd, Chennai, India (Mar 2021 - Mar 2023)</h3>                  <h4>Project: Banking Application (Hancock Whitney)</h4>                  <p>Developed both mobile and web banking applications facilitating account management, transfers, and bill payments, among other features. Leveraged technologies such as JDK 1.8, Spring Boot, and MySQL.</p>              </article>              <article>                  <h3>Effigent Software Solutions Ltd, Hyderabad, India (Sep 2018 - Mar 2021)</h3>                  <h4>Project: Hospitality Management System</h4>                  <p>Designed an OOPS-based web application for managing hospital operations, from patient admissions to billing. Used Spring Framework extensively for backend operations.</p>              </article>          </section>      </main>      <footer>          <p>Connect with me on <a href="https://www.linkedin.com/in/avinash-thokala-35080a288/">LinkedIn</a></p>      </footer>  </body>  </html> | |
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| EXPLANATION | Written html code for professional blog which contains headers, main body and footer |

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| STEP #: | Using FlexBox css code |
| SCREENSHOT: | |
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| EXPLANATION | Written the styling code for flexbox |

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| STEP #: | Output Flexbox |
| SCREENSHOT: | |
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| EXPLANATION | Above is the output screenshots |