Internship Report

Week 6 - Day 1

Date: 28th July 2025 Internship: ProSensia

Intern Name: Hamza Rafique



***** Topic Covered:



React Project Setup Using CMD



What I Learned Today:

1. How to set up a React app using CMD:

- Used npx create-react-app my-app to create a new project
- Navigated to the app folder using cd my-app
- Launched the React development server with npm start

2. Understanding the folder structure:

- public/ for static HTML and assets
- src/ for all React components (JS, JSX, CSS)
- Entry point: index.js connects React to index.html

3. React Build Concept:

- Learned that npm run build creates an optimized production-ready version
- Final build includes only required HTML, CSS, JS files

4. Frontend-Backend Planning:

- Discussed using Go as a backend alternative to Node.js
- Understood stack combinations like MERN and MERG
- Realized Node.js is better for beginners due to JavaScript overlap

5. Performance Concerns:

o Explored how using tools like React, Tailwind, Three.js can affect performance

o Learned about minification, lazy loading, and build optimization

Tools Used:

- CMD (Command Prompt)
- VS Code
- Node.js / npm
- React (Create React App)

W Next Goals:

- Add Tailwind CSS or Bootstrap to the project
- Start building a basic frontend layout
- Learn routing in React (React Router)