React Js Internship Program

Total duration: 12 weeks

Duration	Tasks to be done	Description
Week 1	1. OOP Concepts 2. DSA Concepts	• class, objects, encapsulation, polymorphism, inheritance, abstraction. https://www.w3schools.com/java/java_oop.asp • Algorithm, Linked List, Stack and Queue, Searching Techniques, Graphs, Tress, Hash Table https://www.tutorialspoint.com/data_structures_algorithms/index.htm
Week 2	1. Logic Building	• Class, objects, Loops, Condition statements, Arrays https://www.w3schools.com/js/
Week 3	1. React js Documentation	• Learn and understand react js documentation (Learn here) • React Hooks life cycle methods. • Core components like JSX syntax etc.
Week 4	1. Implementation	• Implement Design by using • style sheet • Core components react js • Flexbox • React router dom.
Week 5	1. Wireframe design	• Implement Wireframe Complete design • Psd to Web app with pixels perfect UI
Week 6,7	1. Database	• Local Storage (Read Documentation and implement CRUD)

		• Firebase (realtime or firestore) (Read Documentation and implement CRUD)
Week 8,9	1. Introduction to api's	• Introduction to API • Networking (fetch function and axios Library) • Method (post, putt, get,delete) • Postman ((Read Documentation and understand all postman follow)
Week 10	1. Api's Integration	• Developed a test web app by using fetch function and axios and integrate Api's (post, putt. get). (see fake api link)
Week 11	1. Revision	• Revise all work from last weeks and implementation
Week 12	1. Final test and Interview through practical's	• Developed Web App by using firebase as backend • Api's