

D Y Patil Technical Campus

Faculty of Engineering and Faculty of Management, Talsande.

Department :- Computer Science & Engineering

Internship Presentation

React.js Web Development Internship

CodTech IT Solutions

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Company's Intro :

CodTech IT Solutions is an ISO 9001:2015 certified organization that specializes in providing high-quality training and internship programs across various technical domains, with a strong focus on **React.js Web Development**. The company is dedicated to fostering skill development, innovation, and practical exposure for students and professionals seeking to enhance their careers in the IT industry.

Services Provided

- Web Development Training
- Real-Time Project Work
- Git & GitHub Version Control Practice
- Software Development and Debugging Guidance
- Documentation and Presentation Support

Internship Details

Internship Title: React.js Web Development Internship

Duration: 5 June 2025 – 20 July 2025

Mode: Online Practical-Based Learning

Organization: CodTech IT Solutions

Internship Learnings

- Enhanced Web Development Skills -
- Project Design and Planning
- Interactive GUI/Web Application
- Error Handling and Code Optimization
- Testing, Debugging and Documentation
- Version Control and Code Management

Tasks

Week	Tasks	week	Tasks
Week 1	<ul style="list-style-type: none"> Introduction to React.js and its ecosystem. Installation and setup of development environment (VS Code). Overview of components. 	Week 5	<ul style="list-style-type: none"> Study Python basics relevant to the project (functions, list, file handling). Design the UI layout (for Tkinter GUI version). Create a flowchart or pseudocode representing the working logic.
Week 2	<ul style="list-style-type: none"> Understanding state management and hooks in React. Creating functional components for the Food Menu layout. Implementing basic UI using HTML, CSS, and JavaScript. 	Week 6	<ul style="list-style-type: none"> Test the application for bugs, invalid inputs, and UI responsiveness. Add error handling and data validation to ensure smooth functionality. Clean and comment the code for readability and maintainability. Prepare project documentation including: Test the application for bugs, invalid inputs, and UI responsiveness. Add error handling and data validation to ensure smooth functionality. Clean and comment the code for readability and maintainability. Prepare project documentation including:
Week 3	<ul style="list-style-type: none"> Integrating mock APIs for menu data. Implementing search and filter functionality for food items. Applying responsive design using CSS Flexbox or Grid. 		
Week 4	<ul style="list-style-type: none"> Adding interactivity – item selection, category display, and cart preview. Debugging and testing all features. Preparing a detailed project report with screenshots and explanations. 		

Project Completed

1. Interactive Restaurant Menu Organizer

- Exposure to Industry Tools and Practices
- Used Html,Css,JavaScript,Vscode,Github modules.
- Interactive Web Applications

Experience Gained

- Improved logical and analytical thinking
- Gained real-world project building experience
- Developed professional documentation & reporting skills
- Strengthened confidence in Frontend development

Certificates :



Thank You