

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 is a reputed IT 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 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 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 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.

week	Tasks
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 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:

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 :

CT CODTECH IT SOLUTIONS PVT.LTD
INFORMATION TECHNOLOGY SERVICES
8-7-7/2, Plot No.51, Opp: Naveena School, Hasthinapuram Central, Hyderabad , 500 079. Telangana

Internship Offer Letter



Date : 25/05/2025
Intern ID : CT06DF695

Dear Altaf Yasin Mahat

Congratulations on being selected for the **React.js Web Development**. We at **CODTECH IT SOLUTIONS PVT.LTD** are thrilled to have you join our team. This Online Internship will span 6 weeks from June 5th, 2025 to July 20th, 2025.

This internship is designed as an educational experience, focusing on learning, skill development, and gaining practical knowledge. As an intern, we expect you to:

1. Complete all assignments to the best of your ability.
2. Follow any lawful and reasonable instructions provided by your supervisors.
3. Participate actively in team meetings and discussions.
4. Provide regular updates on your progress.
5. Adhere to company policies and maintain a professional demeanor.
6. Collaborate effectively with team members and contribute to group projects.
7. Seek feedback and apply it to improve your performance.

We trust that you will approach all tasks with diligence and enthusiasm. We are confident that this internship will be an enriching experience for you. We look forward to working with you and supporting you in achieving your career aspirations

Best regards,

N. Santhosh

Neela Santhosh Kumar
Human Resources & Academic Head

CODTECH IT SOLUTIONS PRIVATE LIMITED CODTECH IT SOLUTIONS PVT LTD

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ID: CT06DF695

CERTIFICATE OF INTERNSHIP EXPERIENCE

This certificate is proudly presented to

ALTAF YASIN MAHAT

successfully completed the Internship Program at **CODTECH IT SOLUTIONS** in **"React.js Web Development"** Active participant from **June 5th, 2025 to July 20th, 2025**. with unwavering dedication.

NEELA SANTHOSH KUMAR
HUMAN RESOURCES & ACADEMIC HEAD

VERIFIED BY
CODTECH IT SOLUTIONS PVT.LTD

Thank You