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COUNTRYEDU PRIVATE LIMITED

GSTIN : 06AAJCC6151A1Z3ICIN:U72900HR2021PTC096283

Email : query@countryedu.com,grievances@countryedu.com

1-Month React.js Development Immersion Internship

Designed by: CountryEdu Private Limited

By CountryEdu Private Limited

(IT Managed Services & EdTech Solutions)

Program Objective :

- Understanding modern frontend development using React.js and JavaScript
- Developing expertise in component-based architecture, state management, and responsive UI development
- Learning React Hooks, routing, API integration, and dynamic web application development
- Building scalable, interactive, and high-performance web applications using industry-standard practices
- Understanding deployment workflows, debugging techniques, and frontend optimization strategies
- Preparing students for careers in React.js Development, Frontend Engineering, Web Development, and Full Stack Development

Program Structure :

- Duration: 4Weeks (1 Month)
- Mode: Hybrid / Live / Classroom
- Tools Used: React.js, JavaScript (ES6+), HTML5, CSS3, Bootstrap, Tailwind CSS, GitHub, VS Code, REST APIs
- Final Outcome: Dynamic React Web Application Project + Internship Certificate

Week 1: REACT.JS & JAVASCRIPT FUNDAMENTALS

- Introduction to React.js
- Frontend Development Fundamentals
- JavaScript ES6+ Concepts
- JSX Syntax & Components
- Props & State Management Basics
- Development Environment Setup
- ~ Outcome: Strong foundation in React.js development and modern JavaScript programming.

Week 2: COMPONENT DEVELOPMENT & REACT HOOKS

- Functional Components
- React Hooks (useState, useEffect)
- Event Handling Techniques
- Forms & User Input Management
- Conditional Rendering
- Lists & Dynamic Data Rendering

~ Outcome: Ability to create dynamic and interactive React applications using reusable components and Hooks.

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Week 3: ROUTING, API INTEGRATION & UI DEVELOPMENT

- React Router Fundamentals
- Navigation & Route Management
- REST API Integration
- Fetch API & Axios
- Bootstrap & Tailwind CSS
- Responsive UI Development

~ Outcome: Ability to build responsive multi-page applications and integrate external APIs effectively.

Week 4: OPTIMIZATION, DEPLOYMENT & PROJECT DEVELOPMENT

- React Performance Optimization
- Error Handling & Debugging
- Git & GitHub Version Control
- Build & Deployment Process
- Industry Best Practices
- Project Development & Presentation

~ Outcome: Ability to optimize, deploy, and maintain professional React applications using industry-standard workflows.

LIVE PROJECT & CAREER READINESS

Students work on real-world React.js Development projects such as:

- E-Commerce Web Application
- Task Management Dashboard
- Online Learning Platform
- CRM Frontend Application
- Portfolio & Personal Branding Website
- Real-Time Data Dashboard

Project Includes:

- Requirement Analysis & Planning
- UI/UX Design Implementation
- Component Development & Routing
- API Integration & Data Management
- Testing & Deployment
- Final Project Presentation

~ Outcome: Hands-on experience in developing industry-level React.js applications demonstrating frontend development, responsive design, API integration, and deployment capabilities.

From beginner to job-ready — Become an React.js Development Professional in 1 Month.