

ADVANCED WEB FRONT END (REACT JS)

Get the skills to get ahead, stay relevant and earn more



[Book your seat now](#)



Reviews 2,500+ • Excellent



12800+
STUDENTS
TRUST US



About INCAPP

INCAPP Coding Institute, established in 2011, was founded with the goal of addressing the global tech skills shortage. Our commitment lies in offering high-quality training programs to students, professionals, and organizations. We strive to empower individuals with coding skills, facilitating personal and professional growth, and assisting organizations in enhancing their workforce's productivity and effectiveness. Our company boasts a team of seasoned instructors, experts in their fields. We employ the latest teaching methodologies and technologies to provide engaging and interactive training programs.

OUR SUCCESS STREAK



14 years
of training
expertise



12800+
students



Placements
in leading
organisations

Founders

“

We foster innovation and empower aspiring coders. As founders, we are excited to welcome you aboard. Whether you're new to coding or already experienced, our hands-on curriculum and expert instructors will guide you. Coding is more than just writing lines; it involves creativity and problem-solving. Embrace challenges and celebrate your successes, knowing that coding is a journey of continuous growth. Let's get started!

”



RAHUL CHAUHAN

PRAVEEN CHAUHAN

Oracle & Microsoft Certified

Founders & Instructors

How We Help You To Learn



Step
1

Expert Instructors

Top-class instructors, experts in their fields, teach through practical training.

Step
2

Assignments

Understand all concepts through well-structured assignments.

Step
3

Doubt Resolutions

Dedicated assistance provided to clarify doubts, featuring two types of instructors: Class Instructor and Lab Instructor.

Step
4

Projects

Gain a comprehensive understanding of the technology through project work, guided by your instructor.



Why INCAPP Coding Institute

Students deserve the finest learning environment. At INCAPP, we guarantee a superior learning experience and personalized support to ensure your success.



Top-Notch Classroom with Expert Instructor



Comprehensive Study Materials



Continuous Feedback and Monitoring



Guaranteed Course Completion



Project-Based Learning



Course Completion Certification



Dedicated Support for Doubt Resolution



Placement Assistance



Individual Attention to Each Student



In-Class Assignment Sessions



Trainers at INCAPP



-  **Expert in Advanced Technologies**
Trainer having in depth knowledge and expertise in advanced technologies.
-  **Excellent explanation**
Explains the concepts in easy and fun manner.
-  **Punctual and Disciplined**
Values time with punctuality and disciplined scheduling.
-  **Simplifies Complex Concepts**
Breaks down complex concepts into easy-to-understand lessons.
-  **Professional & Efficient**
Efficient and focused without wasting students' valuable time.
-  **Certified in their fields**
Certified in Python, Java, and other essential technologies skills.
-  **Years of Technical Experience**
Years of practical experience in technical projects and training.
-  **Committed to student success**
Guides students with personalized mentorship ensure students achieve their learning goals.



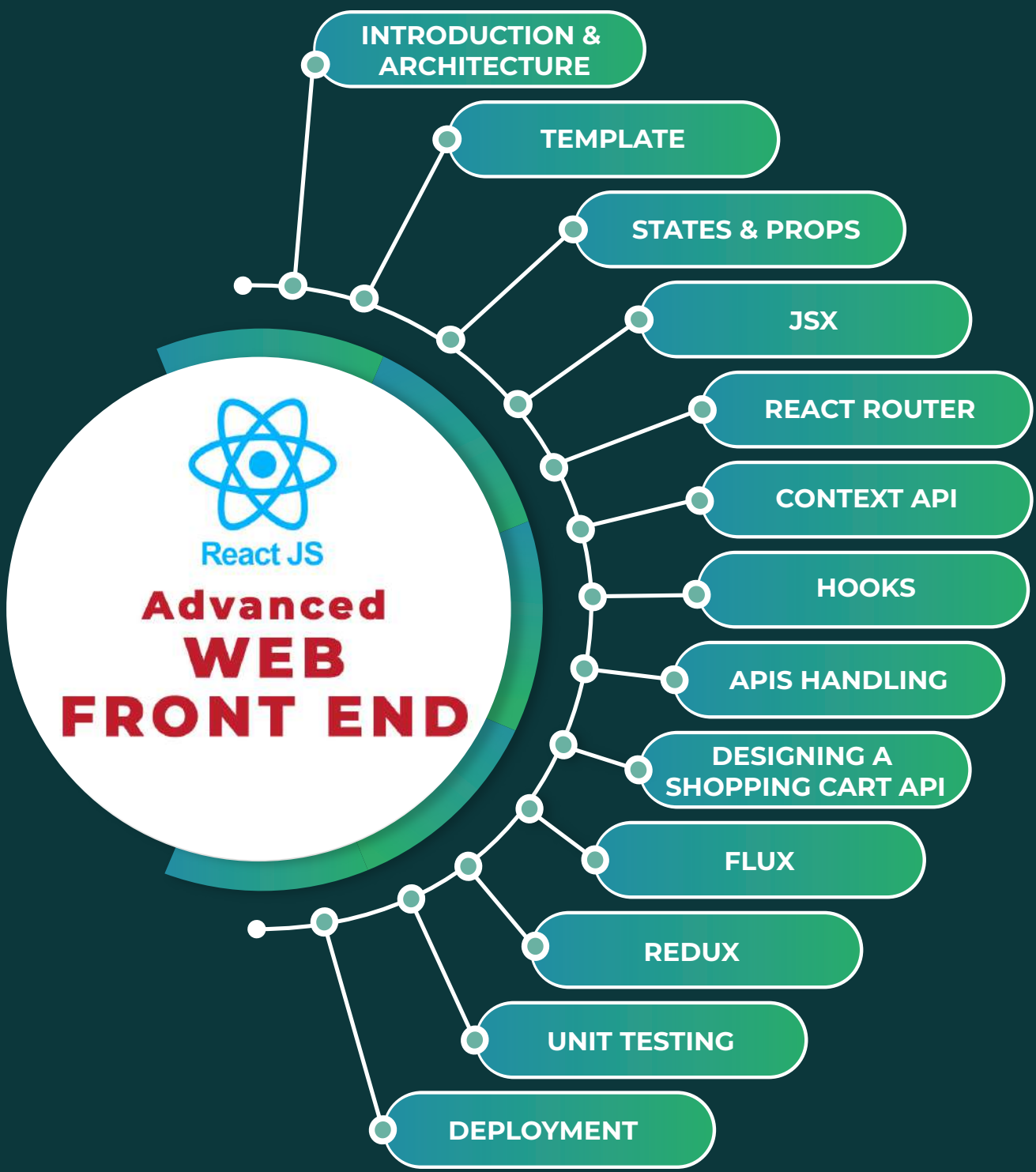
The world's leading tech companies and startups hire our students



& many more



What You Will Learn



20+ PROJECTS



Course Overview:

React JS is a popular JavaScript library used for building user interfaces, particularly for single-page applications. It allows developers to create reusable UI components, enabling efficient and dynamic rendering of web pages. React's declarative approach simplifies the process of building interactive user interfaces and managing the state in web applications. It's widely used for its high performance, flexibility, and compatibility with other libraries or frameworks, making it a favored choice among developers for creating responsive and visually engaging web applications.

REACT JS



Introduction to ReactJS

- What is ReactJS?
- Why ReactJS?
- Features of ReactJS
- Scope of ReactJS
- ReactJS Versions
- What is a Single Page Application?
- Why Single Page Application?

Getting Started with ReactJS

- ReactJS Installation
- Understanding ReactJS Architecture
- Creating First ReactJS Hello World Application
- Debugging the First ReactJS Application
- Executing the First ReactJS Application

ReactJS Basics

- Finishing the Hello World Application
- Delete and recreate everything

- Adding CSS to Hello World Application
- Reusable Components

ReactJS Templates

- Understanding the existing template
- Converting the HTML template into React App
- Reusable Card and Assignment

ReactJS States and Props

- What are states?
- What are props?
- Preparing the state-based applications
- Making the Counter Application
- Assignment for Counter Application

ReactJS JSX

- Introduction to Virtual DOM
- DOM Vs Virtual DOM
- What is ReactJS JSX?
- Difference between JS and ReactJS JSX



- Rendering Elements
- Components Overview
- Types of Components
- Function Components
- Class Components
- Nested Components
- Using Newly Created Components
- Components Collections
- Styling
- Properties
- Creating Components using Properties
- Properties Validation
- Constructor
- Component Life Cycle
- Conditional Rendering
- Dynamic Data Rendering
- Property Binding
- Lists and Keys
- Forms Handling
- Forms Validations
- Understanding Events and Event Handling
- Passing arguments to Event Handlers
- Material UI for Designing
- Formik Validation
- Local Storage
- Cookies
- Session

Routing using React Router

- Setting up the React Router
- Installing the React Router
- Understanding the routing in single page application
- Working with Browser Router Components

- Configuring route with Route Component
- Making routes dynamic with Route Params
- Working with nested routes
- Navigating through pages using Link and NavLink Components
- Redirect Routes using Redirect Component

React Context API With Projects

- The problem that contextAPI solves
- Details on Context and Provider
- Details on Consumer in Context API
- Understanding the working of dark and light mode
- Creating a theme Toggler with Context API
- Finishing the theme switcher app

Context API using Reducers and Actions

- What are we building here?
- Create brain of the application
- Use Reducer for our app
- Sending a dispatch
- Display the context data and dispatch

Hooks

- Introduction to Hooks
- Understanding the need of Hooks
- Types of Hooks
- useState Hooks
- useEffect Hooks
- useContext Hooks
- useRef Hooks
- useReducer Hooks



- useCallback Hooks
- useMemo Hooks
- Custom Hooks
- Hooks Rules

Flux

- Flux Introduction
- Flux Architecture
- Flux Working
- Flux Components
- Stores
- Dispatchers
- View Controllers
- Actions
- Views
- Understanding the working of React and Flux together

Redux

- What is Redux?
- Why Redux
- Installation and Setup
- Store
- Reducer
- Actions
- Provider Component
- High order Components
- Dispatchers
- View Controllers
- Selector
- Asynchronous Actions
- Middleware
- Redux Thunk
- Understanding Redux Saga
- Installing and setting up redux saga
- CRUD Operations using redux saga
- Saga Vs Promises

Third Party Modules

- Pagination
- Searching
- Filtration
- JWT Token
- Social Login
- File Uploading

API Handling

- Learn to read docs for API
- Let's read Axios docs
- Drill down the API
- Extracting information from API

Designing a Shopping Cart API

- A walk of Pexels and JSON
- Buy the item and remove the item
- Fetching photos from the API
- Storing everything as state
- Card for every product
- Create cart section
- Bring the shop together
- Removing the duplicate

ReactJS Unit Testing and Deployment

- Tools required for Unit Testing
- React Unit Testing overview
- Introduction to JEST
- Introduction to Enzyme
- Testing ReactJS Application using JEST and Enzyme
- Deploying the ReactJS Application

Project Work



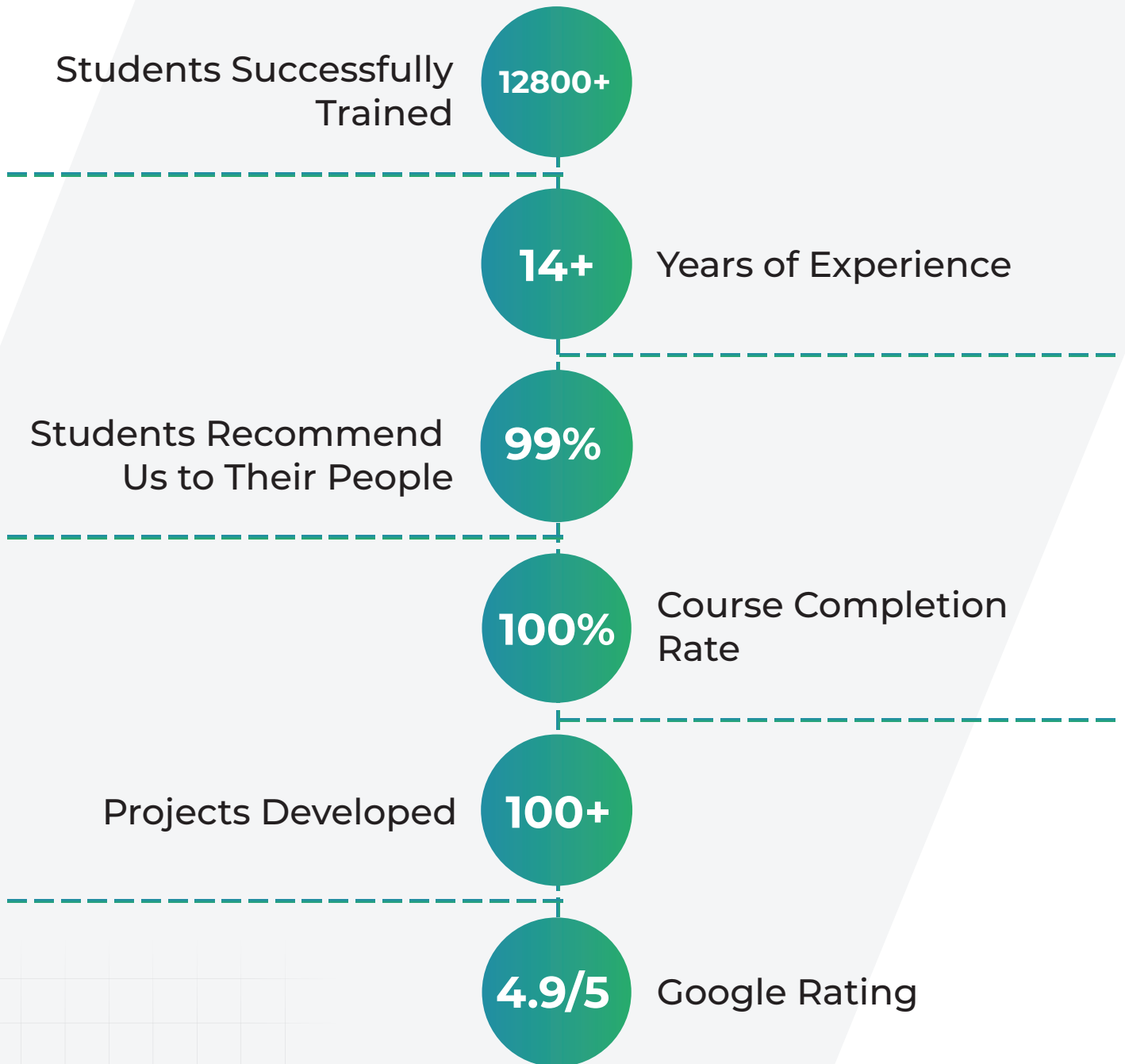
Certificates



Upon completion of Course/Program, you will receive certificate from Incapp. This certificate validates your skills as an expert in the technology.



Our Impact



What our students say about us

**Satyam Kumar**

2 reviews · 1 photo



a week ago

NEW

Your teaching in Java Technology has been truly exceptional. Your deep expertise, clear explanations, and practical examples have significantly enhanced my understanding of the subject. Thank you for your dedication and for making learning Java so engaging and enjoyable.

**Rajan Roy**

Local Guide · 19 reviews · 12 photos



a week ago

NEW

I have completed the Java Core and DSA with Java courses from Incapp. Rahul Sir taught us coding in a very clear and understandable manner. The teaching style was easy to follow. Additionally, Incapp offers numerous backup classes and doubt-clearing sessions. The faculty at Incapp are very helpful and always available to solve any problems you may have. I definitely recommend Incapp if you want to grow, improve your skills, and achieve your dreams. Thank you

**Jyoti Maurya**

1 review



2 weeks ago

NEW

By choosing this platform is blessing for me. It is just amazing and interesting to learn here don't be late. It's totally a worth decision to boost your knowledge. And this place is very safe and secure especially for girls so don't be concerned about safety and location.

**Yuvesh kasana**

1 review



3 months ago

I just wanted to express my gratitude for the excellent coaching sessions you've been providing for Java. Your teaching style is incredibly clear and effective, making complex concepts easy to understand. I appreciate your patience in addressing all of my questions and your willingness to provide additional resources for further learning. Thanks to your guidance, I feel much more confident in my Java skills and excited to continue improving. Keep up the fantastic work!

Courses we offer

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JAVA
FULL STACK
DEVELOPMENT

PROGRAM



▶▶▶▶▶

PYTHON
FULL STACK
DEVELOPMENT

PROGRAM



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WEB
FULL STACK
DEVELOPMENT

PROGRAM



▶▶▶▶▶

C & C++
LANGUAGE




▶▶▶▶▶

JAVA
LANGUAGE



▶▶▶▶▶

**DATA STRUCTURE
& ALGORITHMS**
USING JAVA



▶▶▶▶▶

**JAVA
BACKEND**
(Adv. Java & Spring & Hibernate Framework)



▶▶▶▶▶

**OCFA JAVA
CERTIFICATION**



▶▶▶▶▶

**OCP JAVA
CERTIFICATION**



▶▶▶▶▶

PYTHON
LANGUAGE



▶▶▶▶▶

**DATA
ANALYTICS &
SCIENCE**



▶▶▶▶▶

**DJANGO
FRAMEWORK**



▶▶▶▶▶

**WEB
DEVELOPMENT**



▶▶▶▶▶

**ADVANCED
WEB FRONT END
(React JS)**



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**WEB
BACK END**
(Node JS & MongoDB & Express JS)





Are you ready to elevate your career?

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