



WEB FULL STACK DEVELOPMENT PROGRAM

- ✓ FrontEnd Mastery
- ✓ Advance FrontEnd Mastery (React JS)
- ✓ BackEnd Mastery (Node JS, Express JS, Mongo DB)



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



Book your seat now



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!

”



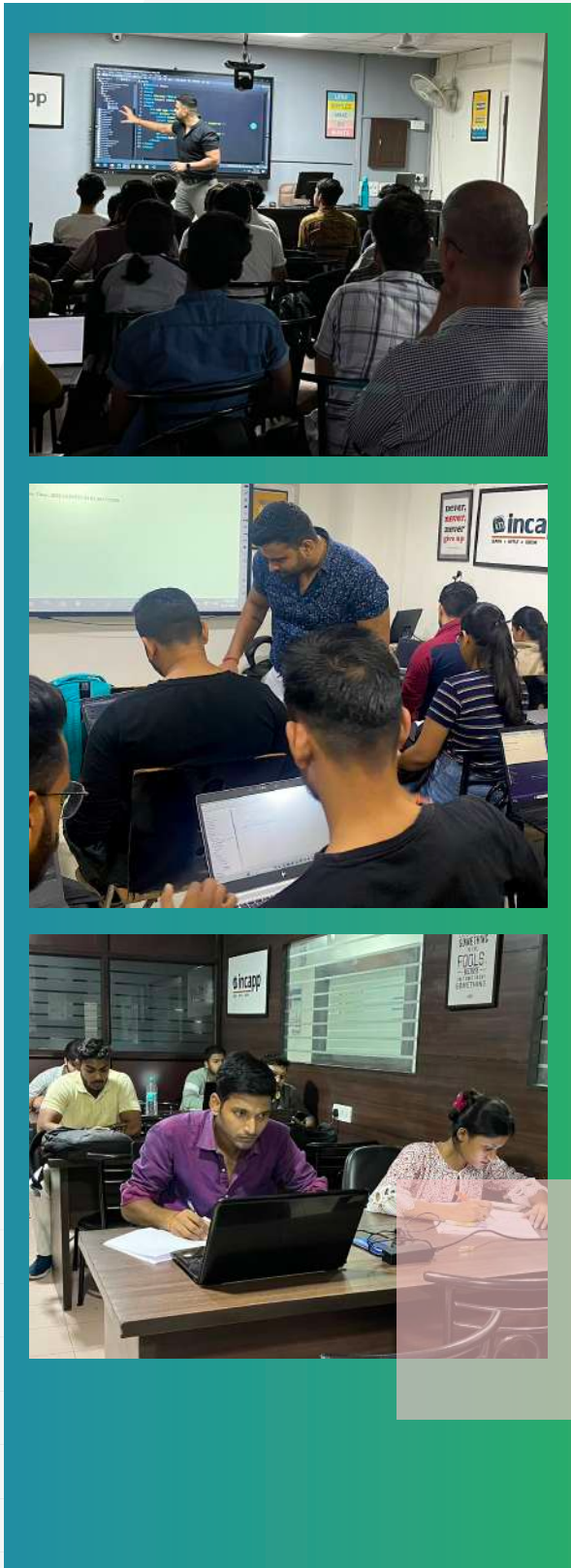
RAHUL CHAUHAN

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

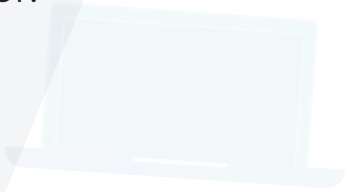
Doubt Resolutions

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.



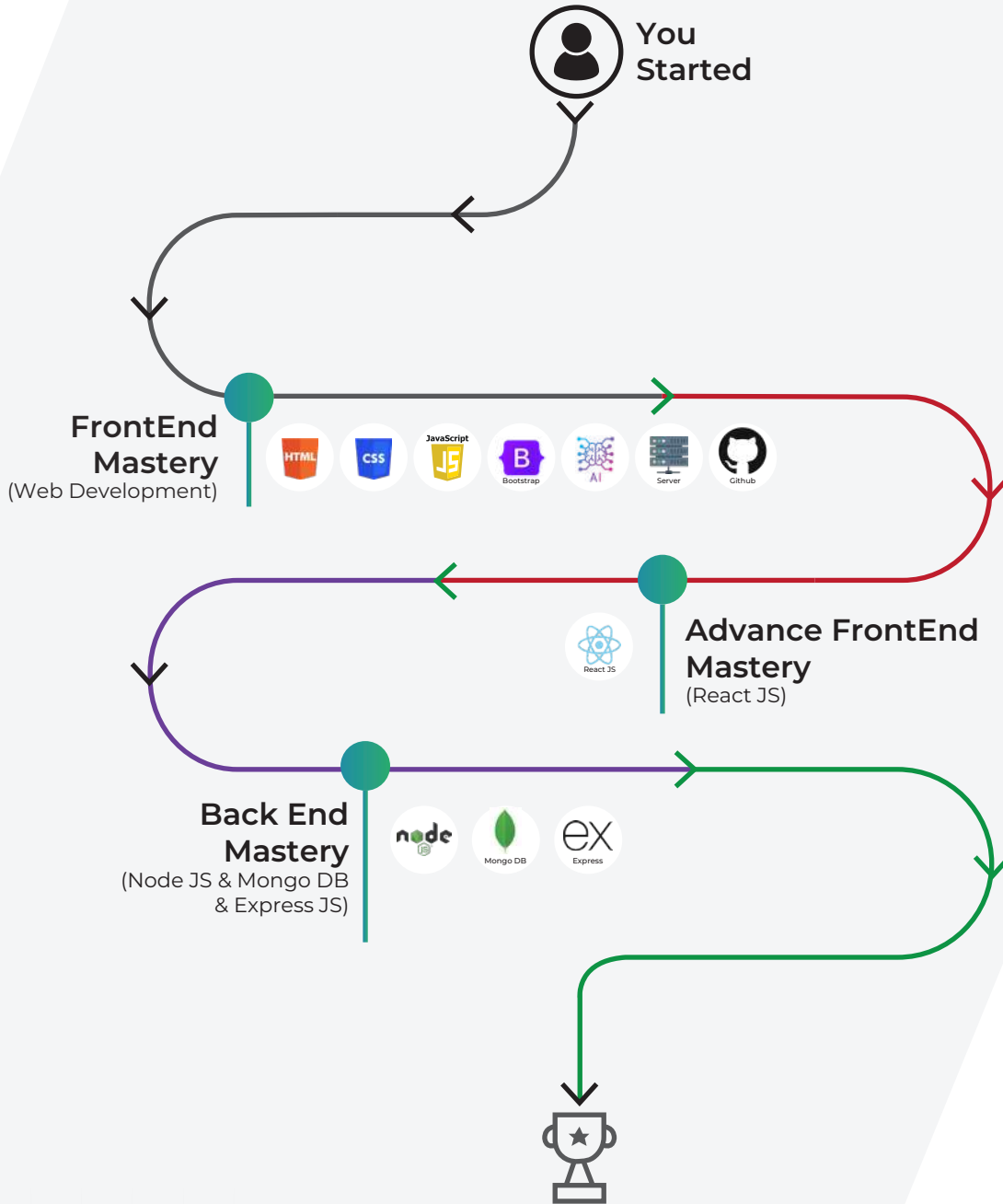
The world's leading tech companies and startups hire our students



& many more



Learning Path - Web FullStack



Congratulations you have become
succesfull **WEB FullStack Developer**



FrontEnd Mastery



Course Overview:

Front-end web development is focused on building the visual and interactive aspects of a website that users interact with directly. It involves the use of languages like HTML, CSS, and JavaScript to create an engaging and responsive user interface. This area of web development is crucial for ensuring a seamless and intuitive user experience, making the website accessible and aesthetically pleasing across various devices and browsers. It plays a key role in attracting and retaining users, thereby directly impacting the success of a website or web application.

Introduction

- Introduction & History of Internet & WWW
- What is a website?
- Difference between Server & Browser
- Static and Dynamic Website
- What is Domain, Deployment & Hosting

HTML

- Introduction & History of HTML
 - Getting Started with HTML
 - Creating First Web Page
 - Understanding Basics of Web Page
 - Requirement of DOCTYPE
 - Tag vs Element
 - HTML Headings
 - Line Break & Horizontal Line
 - Creating HyperLinks
 - Anchor Tag
 - Tag Anatomy
 - HTML Comments
 - Setting the Colors
 - Working with Images
 - Img tag
 - Understanding Alt attribute
 - Image as link
 - HTML Favicon Image
- Project Work**
- Div tag
 - Center Tag
 - Text Formatting
 - Bold
 - Italic
 - Underline
- Strike
 - Marked
 - Smaller
 - Big
 - Quote
- HTML List
 - Ordered List
 - Unordered List
 - Definition List
 - Nested List
- Project Work**
- Creating Tables
 - Understanding table structure
 - Table with rowspan and colspan
- Project Work**



ADVANCE HTML


- HTML Form
- Input Types
 - Text
 - Number
 - Email
 - Password
 - Range
 - Tel
 - Color
 - Url
 - Date
 - Time
 - Month
 - Week
 - Radio
 - Checkbox
 - File
 - Search
 - Submit
 - Reset
- Creating Drop-Down List
- Creating Buttons (Submit, Reset, Image)
- Creating MultiLine Input box (TextArea)
- Form Validation with "pattern" attribute

Project Work

- HTML Character Entities
- Span Tag
- Sub and Sup tags
- HTML Semantic Elements
- Iframe tag
 - Embed a Pdf
 - Embed the Google Map
 - Embed the Youtube Video
 - Embed a webpage
- Video tag
- Audio tag
- Meta Tag
- Auto Refresh

Project Work
CSS


- Introduction & History of CSS
- Types of CSS Implementation
 - Inline CSS
 - Internal CSS
 - External CSS
- Understanding CSS syntax
- CSS selectors
 - Tag selector
 - ID selector
 - Class selector
 - Group selector
 - Universal selector
 - Combinator selector
 - - Descendent selector
 - - Child selector
 - - Adjacent Sibling selector
 - - General Sibling selector
- Selector Priorities
- Color Formats
- Border property
- Round Border property
- Outline property
- Working with height & width property
- Margin & Padding property
- Background property
 - Background color
 - Background Image
 - Background repeat
 - Background attachment
 - Background position
 - Background size
 - Background gradient
 - Linear
 - Radial
- Text Formating
 - Align
 - Direction
 - Decoration
 - Transform
 - Intent
 - Spacing
 - Line Height
 - Word Spacing
 - Text Shadow
 - Box Shadow
 - Font Property

Project Work
Project Work


ADVANCE CSS


- Display Property
- Creating Page Layout

Project Work

- Float Property
- Position Property
- Z-Index Property

- Opacity Property
- Overflow Property
- Division in Horizontal center
- Division in Page center
- Division shape
 - Angled
 - Curvy
- Pseudo class

ADVANCE CSS


- Navigation Bar Vertical
- Navigation Bar Horizontal

Project Work

- Filter Property
- Transform Property
 - Skew
 - Rotate

- Scale
- Translate
- Transition Property
- Transform with Transition Property

Project Work

JAVASCRIPT


- Introduction & History of JS
- Creating Alert Dialog
- Ways for adding JS in HTML page
- Plain JS
- JS using Function
- Change Text

Project Work

- Console Log
- Operators
 - Assignment
 - Arithmetic
 - Shorthand
 - Increment-Decrement
 - Conditional
 - Relational
 - Logical
- Decision Making
 - If
 - If-else
 - If-else-if
 - Switch

Project Work

- Loop Controls
 - For loop
 - While loop
 - Do-while loop
- Break and Continue keyword

Project Work

- Var, Let and Const
- Functions and Methods
- Window methods
- Document methods
- Arrays
- String
- String methods
- Change CSS
- JS Events
 - Click event
 - Key event
 - Mouse event
 - Focus and Blur event
 - Load event
 - Scroll event
 - Resize event
- Class and Objects
- DOM Objects

Project Work



JQUERY

- Introduction & History of JQuery
- Using JQ manually
- Using JQ CDN
- JQ Effects
- Change Text using JQ
- Change CSS using JQ
- Working with Decision Making

Project Work

- Working with Loop
- JQ Events
- Click and DoubleClick event
- Key event
- Mouse event
- Focus and Blur event
- On Event
- Using JQuery based plugins

Project Work

BOOTSTRAP

- Getting started with Bootstrap
- Understanding predefined classes of bootstrap
- Carousel in Bootstrap
- Grid system in Bootstrap
- Understanding Bootstrap with Project Work

Project Work

GOOGLE SHEET

- Working with Google Sheet
- Get the form data from website to sheets

GITHUB
SERVER & HOSTING

- Understanding server
- Deploying & Hosting using Github pages
- Deploying & Hosting using Netlify

AI Tools

- Understanding AI
- Make the website automatically
- Dive into the world of AI

Project Work

Game using CodePen

Project Work

Web to App

- Creating mobile app from website

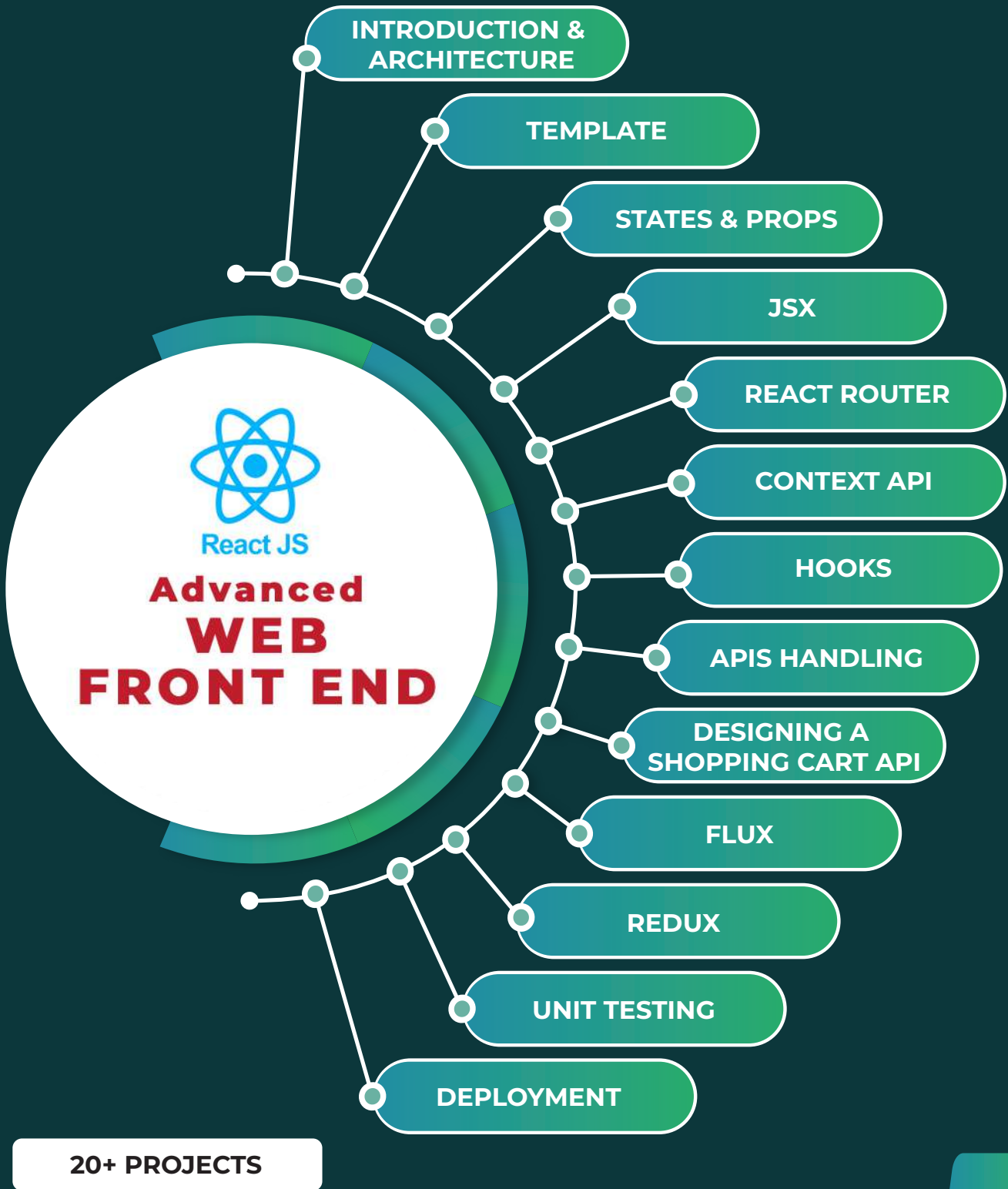
Project Work

React Application

- Getting Started with React
- Creating React based Web app

Project Work

Advance Front End Mastery



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

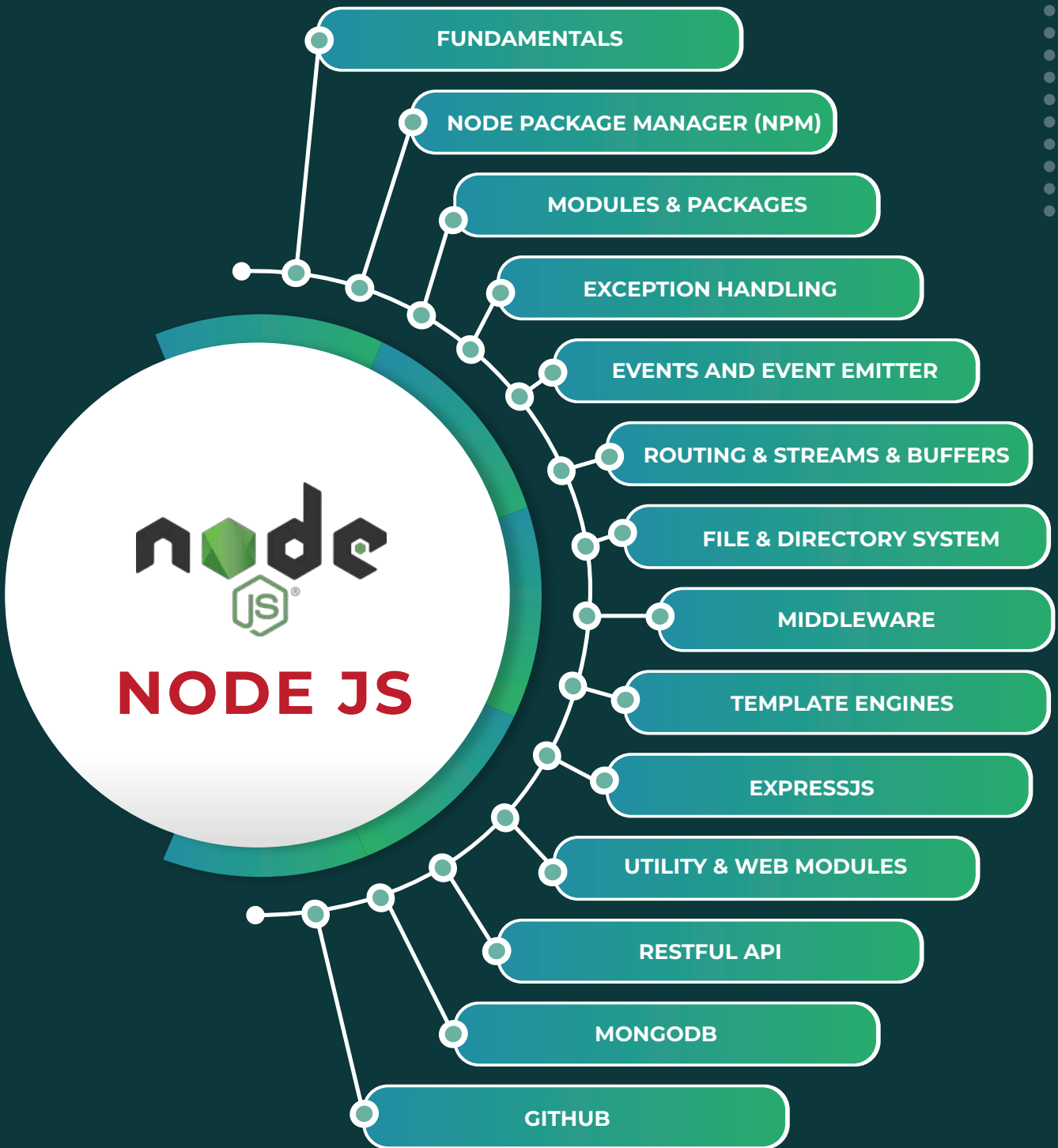
ReactJS Unit Testing and Deployment

- 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



Back End Mastery



PROJECT WORK



Course Overview:

This course focuses on building robust backend systems using Node.js, MongoDB, and Express.js. You'll learn how to create scalable server-side applications, handle API development, manage databases with MongoDB, and implement efficient routing and middleware with Express.js. Through hands-on projects and assignments, you'll gain practical experience in backend architecture, preparing you to develop secure, high-performance web applications.

NODE JS



Introduction to NodeJS

- NodeJS Introduction
- History of NodeJS
- Features of NodeJS
- Scope of NodeJS
- NodeJS Applications
- Advantages of NodeJS
- NodeJS Versions
- What is V8 JavaScript Engine?
- Why Server-side JavaScript?
- NodeJS Vs Other server-side technologies

Getting Started with NodeJS

- NodeJS Architecture
- NodeJS Installation
- Creating Web Server in NodeJS
- Creating First NodeJS Application
- Debugging First NodeJS Application
- Event Loop
- Event Driven Architecture
- Node REPL
- Writing Asynchronous Code
- Blocking vs Non-Blocking Code

Modules and Packages in NodeJS

- Understanding Modules
- Understanding require and exports
- Creating Modules
- Importing Modules
- Exporting Modules
- Built-in Modules
- Process Module
- HTTP Module
- URL Module
- Creating a Node Package
- Publishing the Package
- Using published package

Node Package Manager (NPM)

- Introduction to NPM Package
- Understanding CLI
- Understanding NPM
- Installing Modules using NPM
- Local and Global Packages
- Installing a Module
- Updating a Module
- Uninstalling a Module
- Working with Node's Package Manager (NPM)
- Understanding package.json
- Using package.json
- Attributes of package.json

NodeJS Built-in Packages

- NPM Package
- Express NPM Package
- Multer NPM Package
- Node Mail NPM Package
- Boot Strip NPM Package Integration
- JSONWEBTOKEN NPM Integration
- Introduction of Crypto-JS

Callback

- What is Callback?
- Blocking Code Example
- Non-Blocking Code Example

Code Debugging

- Built-in Debugger
- IDE Debugger
- Node Inspector

Exception Handling

- Try-Catch
- Call Back



Events and Event Emitter

- Understanding Events
- Event-Driven Programming
- How do Node Applications work?
- Event Emitter Class

Methods

- Class Methods
- Emitting Events
- Listening to Events

HTTP

- Building a Web Server
- HTTP Request Methods
- HTTP Request Headers
- HTTP Response Codes
- HTTP Response Headers

ExpressJS

- Introduction to ExpressJS Framework
- Installing ExpressJS Framework
- Building a Web Server
- Creating Hello World Application using ExpressJS
- Debugging and Executing Hello World Application
- Request and Response
- Request Object
- Response Object
- Basic Routing
- Serving Static Files
- GET Method
- POST Method
- FILE Upload
- Cookies Management
- Sending Emails

Routing

- Understanding Routing
- Router Object
- Route Methods
- Route Paths
- Parameterized Routes
- Route Handlers
- Express Router

Streams

- Understanding Streams
- Types of Stream
- Creating Streams
- Readable Streams
- Writable Streams
- Piping the Streams
- Chaining the Streams

Buffers

- Creating Buffers
- Writing to Buffers
- Reading from Buffers
- Convert Buffer to JSON
- Compare Buffers
- Copy Buffer
- Slice Buffer
- Buffer Length
- Method Reference
- Class Methods

File and Directory System

- Synchronous Vs Asynchronous
- Introduction to fs Module
- File operations
- Creating a File
- Opening a File
- Writing to a File
- Reading from a File
- Closing a File
- Deleting a File
- Creating a Directory
- Reading a Directory
- Removing a Directory

Middleware

- Middleware Introduction
- Middleware Types
- Express Middleware
- Error Middleware
- Body Parser
- Cors
- Cookie Parser
- Session Management

Template Engines

- Introduction to Template Engines
- EJS
- Jade
- Vash
- GruntJS
- Handlebars

ExpressJS Security

- Authentication
- JWT
- Securing Routes
- Debugging in ExpressJS

Global Objects

- `__filename`
- `__dirname`
- `setTimeout(cb, ms)`
- `clearTimeout(t)`



- setInterval(cb, ms)
- Global Objects
- Console Object
- Process Object

Utility Modules

- OS Module
- Path Module
- Net Module
- DNS Module
- Domain Module

Web Modules

- What is a Web Server?
- Web Application Architecture
- Creating a Web Server using Node
- Making a Request to Node Server
- Creating a Web Client using Node

RESTful API

- What is REST Architecture?
- Http Methods
- RESTful Web Services
- Creating RESTful for a Library
- List Users
- Add Users
- Show Detail
- Delete a User

Introduction to MongoDB

- Understanding NoSQL DB
- NoSQL Vs SQL DB
- Understanding MongoDB
- Document-oriented Vs Other kind of storages
- Installing MongoDB
- MongoDB Data Types
- MongoDB Shell Commands
- Understanding DB, collection and document
- Understanding Embedded documents
- Querying Database Tools and API
- MongoDB Tools

CRUD Operations on MongoDB

- Creating Database
- Creating Collections
- Creating Documents
- Inserting Data
- Querying Data
- Updating Data
- Deleting Data
- Limiting Data
- Sorting Data
- Dropping Collection
- Dropping Database

MongoDB Indexing and Relationships

- Types of Indexes
- Creating an Index
- Defining Relationships between Documents
- Dropping an Index

MongoDB Mongoose

- Introduction to Mongoose
- Mongoose Schemas
- Mongoose Data Types
- Mongoose Models
- Mongoose Relationships
- Mongoose CRUD Operations

MongoDB ODM Mongoose

- Introduction to ORM
- Introduction to ODM
- MongoDB ODM Mongoose

GitHub

- Real-time Environment setup with GitHub

REST API with Mongoose

- REST API with Mongoose, MongoDB and Postman
- Creating REST API using Express and Mongoose

Project Work

- Developing the Project
- Deploying the Project



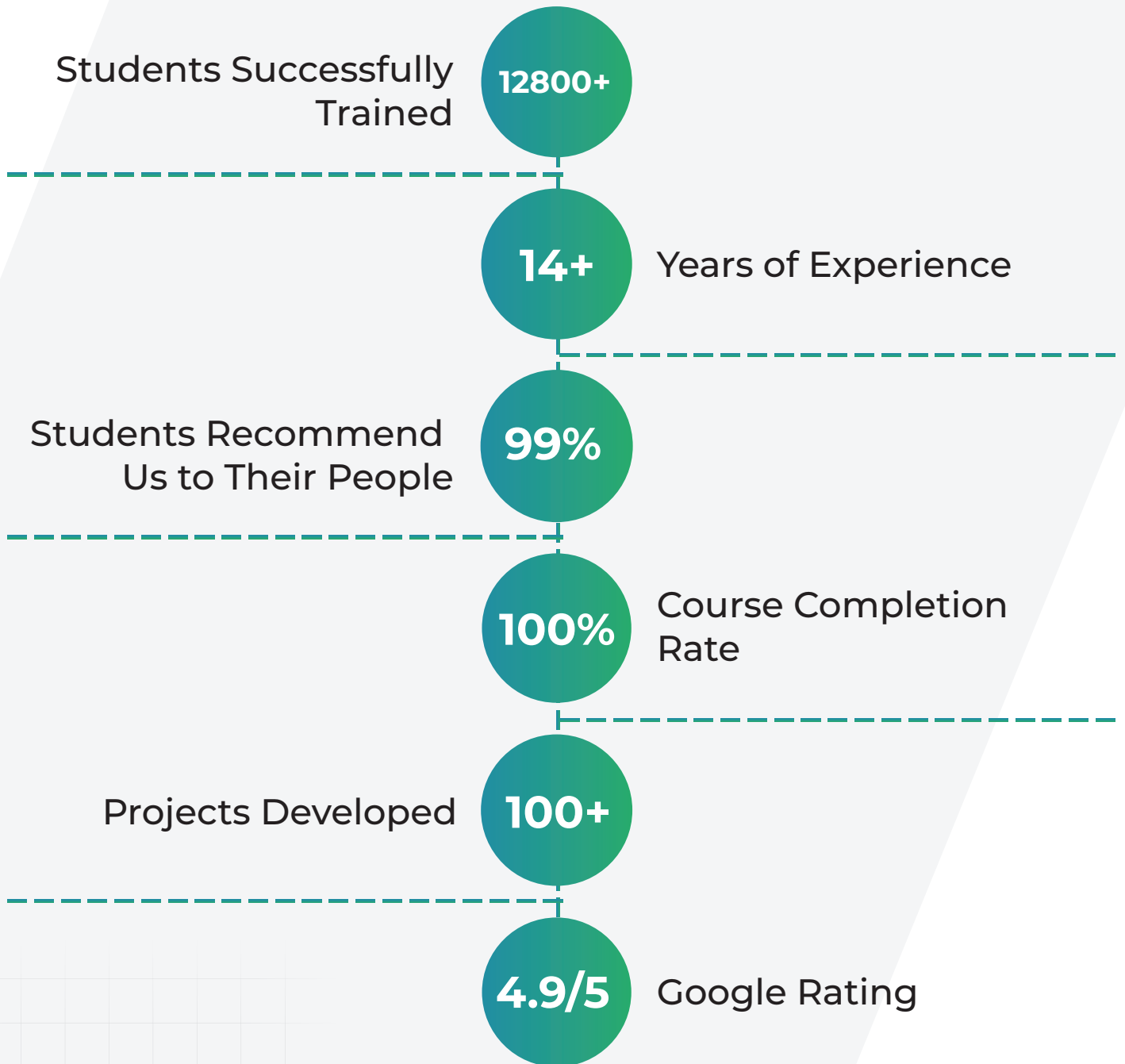
Certificates



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!


What our students say about us

 **Anoop Shankar**
1 review ⋮
★★★★★ 2 months ago


Being the student of INCAPP is the best start to be the best in your field. Rahul Sir himself is mentoring many of us so that we as a developer will lead the IT sector. Here in INCAPP each one of you will be nurtured for the better future.

 **bulbul Dwivedi**
2 reviews ⋮
★★★★★ 3 months ago

Incapp excellent communication skills with students A great review of python course essentials for programming in Incapp & a better understanding of coding, testing & applying style guidelines as per thoroughly given by instructor Mr. Praveen Chauhan

 **Tanu Kumari**
2 reviews ⋮
★★★★★ 11 months ago

The coaching provided by Incapp for Web designing was exceptional.
The coach's expertise in Java was evident throughout the coaching sessions.
The coaching style was effective in breaking down complex concepts into easily understandable parts.
The coach provided clear explanations and examples, making it easier to grasp.
Overall, I am highly satisfied with the coaching provided by Incapp for Web designing.

 **Aditya Kaushik**
1 review ⋮
★★★★★ a week ago NEW

I did Core Java and data. Structure and algorithm. Algorithm In Incapp. by "Rahul chauhan "Sir It has really helped me understand.. the Care Concept in my Course and I fell more Confident in what I am doing Thanks Rahul chauhan

& many more



Courses we offer

▶▶▶▶

JAVA
FULL STACK
DEVELOPMENT

PROGRAM



▶▶▶▶

PYTHON
FULL STACK
DEVELOPMENT

PROGRAM



▶▶▶▶

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)



▶▶▶▶

WEB
BACK END


(Node JS & MongoDB & Express JS)






Are you ready to elevate your career?

Get In Touch

 0120-4108484, 9811272031

 info@incapp.in

 www.incapp.in

 5th Floor, OM TOWER, Commercial Belt,
Alpha I, Greater Noida, UP

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