

IREED

FULL STACK DEVELOPMENT PROGRAM



+91 90 90 60 40 13



www.ireedindia.com

SALIENT FEATURES OF THE COURSE



120+ Hours of
Intensive Learning



100+ Hours of Hands-on
Assignments and Projects



Career Services and
Placement opportunity



Lifetime Access to Latest
Content



Learn from the Industry
Experts



24X7 Support through
Discussion form



Career Support

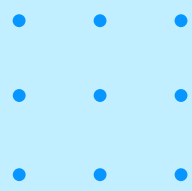


Build your Softskills

WHO SHOULD TAKE THE COURSE?

B.E, B.Tech, MCA, BCA Preferred
CODING BEGINNERS, IT DEVELOPERS

KEY INSIGHTS OF THE COURSE



Core Technical Skills



Learn of Emerging Technologies

Career Service and Placement

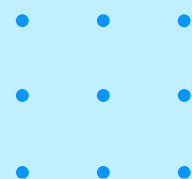


Learn Future Technologies

Learn from Industry Experts



2000+ Certified Learners



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WHY SHOULD YOU JOIN IREED?

We Provide 1:1 Placement Coaching in a Series of Sessions



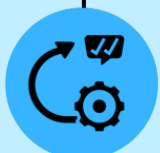
Relevant & Practical experience



Expert Faculty



Real Time Live Project Assignments



Project Evaluation and Development



Resume Building & Mock Interviews



Soft Skills & 100% Placement Assistance



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A 3x4 grid of blue dots. There are 3 rows and 4 columns of dots, totaling 12 dots.

-



ADVANTAGES OF FULL STACK DEVELOPEMT PROGRAM

- »»» Ability to manage and coordinate between front-end and back-end seamlessly
- »»» Greater flexibility in handling diverse project requirements
- »»» Increased employment opportunities due to wide-ranging skill sets
- »»» Ability to prototype and deploy entire applications independently



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OUR ACHIEVEMENTS

hindustantimes



Best Employability Award 2020

Business Standard



The Daily Guardian

FRANCE
— NETWORK TIMES —

UAE Times

The Tribune
— VOICE OF THE PEOPLE —

Business Standard

ThePrint

INDIA TODAY
DAILY

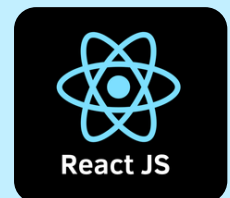
England NEWS PORTAL

WHAT DOES A FULL STACK DEVELOPER WORK ON?

Front End Development

- Creating user interfaces (UI) and user experiences (UX)
- Learn technologies such as HTML, CSS, and JavaScript
- Work with front-end libraries and frameworks

Skills You Will Learn



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WHAT DOES A FULL STACK DEVELOPER WORK ON?

Back End Development

A **Full Stack Developer** may work on developing server-side logic and APIs using server-side programming languages such as Node.js, Python, or PHP.

They may work with back-end frameworks such as Express, or Laravel to handle server-side processing, integrate with databases, and manage application logic.

Skills You Will Learn



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WHAT DOES A FULL STACK DEVELOPER WORK ON?

Database Management

A **Full Stack Developer** may work on designing and managing databases, including creating database schema, defining data models, and performing CRUD (Create, Read, Update, Delete) operations.

They may work with databases such as MySQL, MongoDB, or PostgreSQL to store and retrieve data in web applications.

Skills You Will Learn



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WHAT DOES A FULL STACK DEVELOPER WORK ON 1

Introduction

- Introduction to the Course
- How Internet Works
- What is Web Development
- What is Tailwind CSS?
- Installation & Setup

Core Concepts

- Utility-First Approach
- Responsive Design Basics

HTML

- Your first webpage
- The structure of a Webpage
- Creating a full webpage
- Header tags
- Paragraph tags
- Formatting tags
- Unordered list
- Ordered list
- Image tags
- Forms in HTML
- Tables
- Links
- HTML entities
- iFrame
- Project - Putting it all together

Styling Utilities

- Colors, Typography, Spacing
- Flexbox & Grid
- Borders, Shadows, Positioning

CSS 3

- What is CSS
- Inline CSS
- Internal CSS
- Class and id
- Div
- Color
- Floating
- Positions
- Margins
- Padding
- Borders
- Font style
- Styling text
- Aligning text
- Styling links
- FlexBox in CSS



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WHAT DOES A FULL STACK DEVELOPER WORK ON 2

JavaScript-I

- Inline javascript
- Internal javascript
- Accessing elements
- Onclick event
- Changing Website content
- Manipulating styles with javascript
- Disappearing circles
- Variables
- Array
- If statement
- Random number guessing game
- For loop
- While loop
- PROJECT-Reaction tester project
- External javascript

JavaScript



JQUERY



JavaScript-II

- DOM intro
- Naming conventions
- String concat
- Length property in strings
- Slicing
- Changing Case of string
- Operators in js
- Functions
- Objects
- How to add event listener in JS

JQuery

- What is jQuery
- Including JQuery on our webpage
- Detecting a click
- Changing website content using JQuery
- Changing website styles
- Fading content
- Regular expression
- Project - Form Validation
- Intro to jquery Ui Plugin
- Droppable
- Jqui widget



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WHAT DOES A FULL STACK DEVELOPER WORK ON 2

Advanced Features

- Responsive Breakpoints
- Hover, Focus & Dark Mode
- Transitions & Animations

Customization

- Tailwind Configuration
- Extending Theme & Plugins

Components & Best Practices

- Buttons, Forms, cards, Navbars
- Using @apply for Reusability

Bootstrap

- Intro to Bootstrap
- Your first bootstrap site
- Grid
- Card in bootstrap
- Tables and Form
- Modals, Popover and Tooltips
- Scroll Spy
- Project - App landing project
- Themes in Bootstrap



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WHAT DOES A FULL STACK DEVELOPER WORK ON 3

Real Time Industry Project (Frontend Project)

- Setting up the folder structure
- Responsive grid system
- Header section - Part-1
- Header section - Part-2
- Header section - Part-3
- Feature section - Part-1
- Feature section - Part-2
- Creating Favorite meal section - Part-1
- Creating Favorite meal section - Part-2
- Creating how it works section - Part-1
- Creating how it works section - Part-2
- Creating the city section - Part-1
- Creating the city section - Part-2
- Creating Customer testimonial section - Part-1
- Creating Customer testimonial section - Part-2
- Creating Sign up section - Part-1
- Creating Sign up section - Part-2
- Creating the contact form section - Part-1
- Creating the contact form section - Part-2
- Creating the footer section - Part-1
- Creating the footer section - Part-2
- Making webpage responsive - Part-1
- Making webpage responsive - Part-2
- Including JQuery
- Scrolling effect
- Adding animations



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WHAT DOES A FULL STACK DEVELOPER WORK ON 4

Intro to Backend

- Backend

Intro to Nodejs

- Nodejs
- REPL
- Native Modules
- Modules in Nodejs

Express with Nodejs

- Express framework
- Creating a server using express
- Request and response using express
- Routes
- Sending html file as a response
- Post request in express

API

- API
- Authentication and JSON
- Weather app

Git and Github

- Git
- Version control using git
- Github and remote repositories
- Clonning
- Forking and pulling request



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WHAT DOES A FULL STACK DEVELOPER WORK ON 5

EJS

- EJS
- Creating EJS Template
- Creating a Todo list project Part-1
- Creating a Todo list Part-2
- Layouts In EJS
- Creating our own modules

Putting It all together

- Storing list items permanently PART-1
- Storing list item permanently PART-2
- Deleting a task from todo list

Mongo DB Database

- What is Database
- Installing MongoDB
- Create In CRUD
- Read In CRUD
- Update and Delete In CRUD
- Relationship In MongoDB



Mongoose

- Mongoose
- Retrieving Data from Database
- Data Validation
- Delete and Update
- Connecting Documents



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WHAT DOES A FULL STACK DEVELOPER WORK ON 6

Build Your own Restful API from Scratch

- what REST
- Setting Up Robo 3T
- Get All Articles
- Post a new article
- Delete Request
- Making a specific get request
- Put operation on a specific record
- Patch request
- Deleting a Specific Record

Authentication and Security

- Intro to Authentication and Security
- Setting Up Folder Structure
- Register and Login
- Encryption
- Cookies and Session



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WHAT DOES A FULL STACK DEVELOPER WORK ON 7

React JS

- Intro to React JS
- Code Sandbox
- JSX and Babel
- JSX Practice
- Javascript Expression in JSX practice
- Javascript Expression in JSX
- JSX Styling React Elements
- Inline Style for React Elements
- React Styling Practice
- React Components
- React Component Practice
- Import and Export
- Export and Import Practice
- Keeper App Project Part-1
- Props in React JS
- Adding React JS Developer Tools
- Mapping Data to Components
- Map Function Practice Challenge
- Map Reduce and Filter Function In JS ES6
- Arrow Function in ES6
- Keeper App Project Part-2
- React Conditional Rendering
- React JS States
- React Hooks Use State
- Hooks use State Practice
- Destructure Concept in ES6
- Handling events in React
- Form Events
- Class Component Vs Hooks
- Handling Multiple States in React JS App
- Spread Operator
- Component Tree Structure
- Keeper App Project-3
- Material UI



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COURSE FEE AND REGISTRATION

FULL STACK DEVELOPMENT PROGRAM

₹ 35,000.00 + 18% GST

₹ 41,300.00



Course Duration

3 Months



Weekly Commitment

6 to 8 Hours



How to Register

Call at:
+91-90 90 60 40 13

Email at:
info@ireedindia.com



Payments Mode

Credit/Debit Card,
Bank Transfer
UPI/Cheque



EMI

No Cost EMI



Income Share Agreement (ISA)

Not
Applicable



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