

JavaScript with ReactJS

COURSE & CONTENT

Available in
Online **LIVE** & Offline

EISYSTEMS TECHNOLOGIES

FF-112, Express Greens Plaza, Sector 1
Vaishali, Delhi NCR – Uttar Pradesh
India – 201010

W: www.eisystems.in | **E:** info@eisystems.in | **P:** (+91) 977-3976-977

Why should I learn JavaScript & ReactJS?

Learning Javascript and ReactJS can be beneficial for a number of reasons, such as:

1. **High demand in the job market:** Both Javascript and ReactJS are in high demand in the job market, with many companies looking for developers with these skills. This means that learning these skills can lead to a wider range of job opportunities and potentially higher salaries.
2. **Versatility:** Javascript is a versatile programming language that can be used in many different contexts, from front-end web development to back-end server-side programming. ReactJS, on the other hand, is a popular and powerful front-end framework that can be used to build complex, interactive user interfaces for web and mobile applications.
3. **Large and active community:** Both Javascript and ReactJS have large and active communities of developers who share knowledge, resources, and best practices. This means that there are many online resources and support networks available to help you learn and improve your skills.
4. **Modern web development:** Javascript and ReactJS are both key technologies used in modern web development, so learning them can help you stay up-to-date with the latest trends and techniques in the industry.
5. **Fun and challenging:** Learning Javascript and ReactJS can be challenging, but also fun and rewarding. With these skills, you can build your own projects, experiment with new ideas, and create dynamic, interactive web applications.

Overall, learning Javascript and ReactJS can be a valuable investment in your career as a developer and a rewarding experience as a learner.

What are career prospects if I learn JavaScript & ReactJS?

Learning Javascript & ReactJS can open up many career prospects in the tech industry, as it is a widely used programming language for web development, mobile development, and even desktop application development.

Here are some potential career paths and job titles you could pursue with a strong foundation in above technologies:

1. **Front-end Web Developer:** Front-end web developers use HTML, CSS, and Javascript to build user interfaces for websites and web applications.
2. **Full-stack Web Developer:** Full-stack web developers work on both the front-end and back-end of web applications, using technologies such as Javascript, Node.js, and databases like MongoDB.
3. **Mobile App Developer:** Mobile app developers use Javascript-based frameworks such as React Native to build cross-platform mobile applications.
4. **Game Developer:** Game developers can use Javascript and game engines such as Phaser or Three.js to build browser-based games.
5. **UI/UX Designer:** User interface (UI) and user experience (UX) designers use Javascript to create interactive prototypes and animations.
6. **Software Engineer:** Javascript can also be used in server-side programming with technologies such as Node.js, making it possible to build web servers and APIs.

Overall, learning Javascript can open up many career opportunities in a variety of fields and industries, and it's a versatile language that can be used in many different contexts.

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What is Website Development market size?

The website development market size is difficult to determine precisely, as it encompasses a wide range of services and products, including website design, development, hosting, and maintenance, among others. However, we can look at some industry reports and projections to get a general idea of the market size and potential.

According to a report by ResearchAndMarkets, the global web development services market size was valued at \$272.2 billion in 2020 and is projected to reach \$528.3 billion by 2028, growing at a CAGR of 8.6% from 2021 to 2028. The report notes that the growing demand for mobile-responsive websites, increased adoption of cloud-based platforms, and rising digitalization are some of the key drivers of market growth.

Another report by Statista projects that the global website builder software market will reach \$13.6 billion by 2025, up from \$7.91 billion in 2020, with a CAGR of 11.4% from 2021 to 2025. The report notes that the rise of e-commerce and online presence for small businesses and individuals is driving the demand for easy-to-use website builder software.

These projections indicate that the website development market is growing and presents significant opportunities for individuals and businesses working in the industry.

Website Development & Indian job market

The job market for website development in India is growing rapidly, and there is a high demand for skilled web developers. With the government's push towards a digital economy, the rise of e-commerce, and the increasing use of technology in businesses, the demand for web developers is expected to continue to increase.

According to a report by Naukri.com, the average salary for web developers in India ranges from INR 3.5 Lakh per annum for entry-level developers to INR 14 Lakh per annum for experienced developers. The report also notes that web development is one of the most in-demand skills in the Indian job market, with over 12000 job postings on their platform in 2021.

There are also many startups and small businesses in India that require website development services, creating additional opportunities for web developers. Moreover, with the increasing trend towards remote work, web developers in India can work for companies located anywhere in the world, providing access to a global job market.

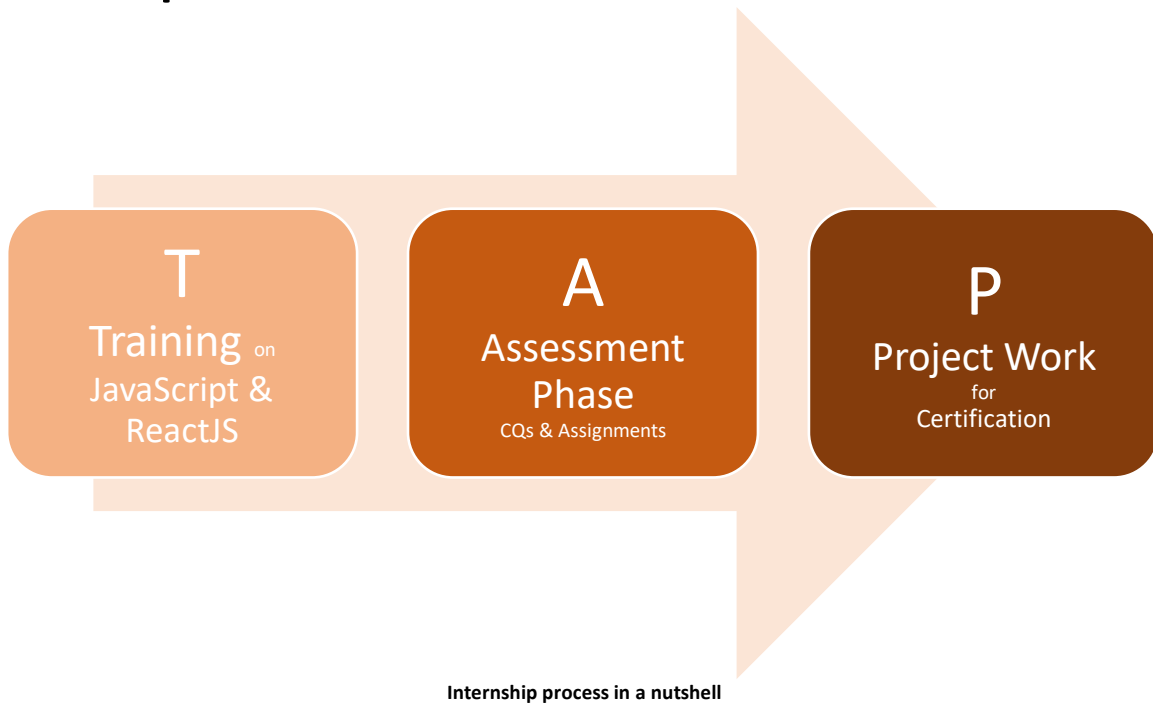
Overall, the website development job market in India presents a promising career path, with opportunities for growth and advancement. Skilled web developers can find employment in a range of industries, from IT and e-commerce to marketing and advertising, among others.

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Internship Process in a nutshell



Prerequisites of this program

Participants from CSE/IT/MCA/BCA/BSc IT/ECE background are eligible to join this program, this is not a basic level program and we expect students to have a prior knowledge of HTML & CSS before joining this program.

Infrastructural Requirements

We expect participant(s) to have

1. A laptop with Microsoft Windows configuration with minimum 8GB RAM.
2. Laptop Charger/ Adapter for charging purpose.
3. Internet Connectivity.
4. Smartphone (4G/5G)

Post Training Deliverables

Every participant will get all under mentioned deliverables

1. 25 hours training by specialized trainer.
2. Offer Letter
3. Certificate of Internship with Project Mentioning
4. Study Material / Classroom Material
5. Guidance for Entrepreneurship in chosen field or employment support.
6. Chance to assist our trainer in our workshop(s) at IISc, IITs, NITs etc.

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JavaScript Course & Content

All of the sessions will be practical oriented, kindly look on the syllabus which we are going to cover during training days.

<p>Session 1 Introduction Implementation HTML Tags in Javascript Comments Variables Variables (Let & Const)</p> <p>Session 2 Data Types Arithmetic Operators Assignment Operators JS with Google Chrome Console Comparison Operators</p> <p>Session 3 If Statement Logical Operators If Else Statement If Else If Statement Conditional Ternary Operator Switch Case</p> <p>Session 4 Alert Box Confirm Box Prompt Box</p> <p>Session 5 Functions Functions with Parameters Functions with Return Value Global & Local Variable Events</p> <p>Session 6 While Loop Do While Loop For Loop Break & Continue Statement Even & Odd with Loops Nested Loop JavaScript Nested Loop - II</p>	<p>Session 7 Arrays Create Arrays Method - II Multidimensional Arrays Modify & Delete Array Array Sort & Reverse Array Pop & Push Array Shift & Unshift Array Concat & Join Array Slice & Splice</p> <p>Session 8 isArray Array index Array Includes Array Some & Every Array find & findIndex Array Filter Array Methods</p> <p>Session 9 JS for Each Loop Objects Objects - II Array of Objects Const Variable with Array & Objects For in Loop Map Method</p> <p>Session 10 String Methods Number Methods Math Methods Date Methods</p> <p>Session 11 DOM Introduction DOM Targeting Methods DOM Get & Set Value Methods DOM querySelectors DOM CSS Styling Methods</p>
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Session 12 addEventListener Method classList Methods parent Method Children Methods firstChild & lastChild Method nextSibling & prevSibling Method create & TextNode appendChild & insertBefore insert replaceChild & removeChild cloneNode Contains isEqualNode	Session 13 JS Forms Form Events Form Events - II Session 14 JS Effects Interval Timeout
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ReactJS Course & Content

All of the sessions will be practical oriented, kindly look on the syllabus which we are going to cover during training days.

Session 1 Home Setup Getting Started ES6 Render HTML JSX Components Session 2 Class Props Events Conditional Lists	Session 3 Forms Router Memo CSS Styling Session 4 Hooks What is a Hook? useState Hook useEffect Hook useContext useRef useReducer useCallback useMemo
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Final Project & Discussion

Note

Eisystems Technologies reserves complete right to alter/modify above mentioned course by deleting or adding sessions in it at the time of delivery of training and attendee will not be having any issue in it as this modification/alteration can be done without any prior notification to attendee/student.

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