

Cyber Square®

PROFESSIONAL

where your IT work experience starts

CS INTERNATIONAL CERTIFIED REACT DEVELOPER

COURSE BROCHURE

Duration: 3 Months

Lecture sessions: 72 Hands on
Assignments/projects Soft Skill Sessions



200
Institutes



12
Countries



1M
Students

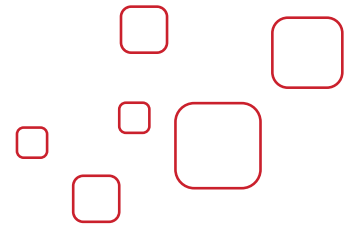
Empowering Tomorrow's High-Paying workforce
with Internship-Driven Industry Experience



ORAY
EDUCATION

<https://cybersquare.pro/>

About Cyber Square Professional



Immerse yourself in a unique learning experience where the virtual meets the real-world. Our courses go beyond conventional training, simulating a dynamic working environment that mirrors a global software company. Interns, dispersed worldwide, collaborate seamlessly on real projects, bringing the virtual workspace to life.

This international exposure not only sharpens the technical skills but also instills the collaborative spirit needed in today's interconnected software development landscape. Soft skills sessions are also seamlessly integrated, ensuring a holistic learning experience. Get ready to thrive in a virtual company setting, acquiring invaluable experience that transcends geographical boundaries.

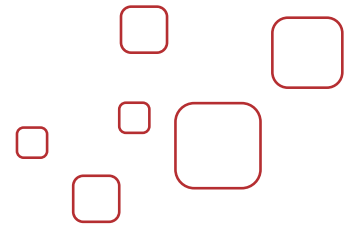


About the Course

Unlock the potential of React with our comprehensive course designed to transform you into a proficient developer of dynamic and responsive user interfaces. From foundational concepts to advanced techniques, you'll immerse yourself in React's core principles through hands-on projects. By course completion, you'll possess the expertise to craft interactive web applications that adhere to contemporary industry standards, positioning you as a sought-after React developer in today's competitive job market.



React's high demand in the current job market presents abundant opportunities for skilled developers. This course empowers you to seize these opportunities, enhancing your value as an asset to any development team.



Master the art of building single-page applications using React, refining your skills in component-based architecture, virtual DOM manipulation, and state management. With React's widespread popularity and adaptability, you'll ensure your proficiency remains relevant and sought after by employers.



Reasons to Learn React

High Demand in the Job Market

React is one of the most in-demand JavaScript frameworks in the job market today, with numerous companies adopting it for their web development projects.

Many tech giants like Facebook, Instagram, Netflix, and Airbnb use React, creating a constant demand for skilled React developers across various industries.

Average Annual Salary



Competitive Salaries

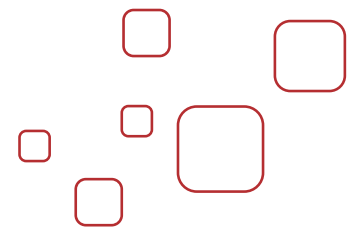
Due to its high demand, React developers often command competitive salaries compared to developers with expertise in other frameworks or technologies.

According to various salary reports, React developers typically earn above-average salaries, especially in tech hubs like Silicon Valley, New York City, and London.

Versatility and Flexibility

React's component-based architecture makes it highly modular and reusable, allowing developers to build complex user interfaces with ease.

React's compatibility with other libraries and frameworks, such as Redux for state management or React Native for cross-platform mobile development, enhances its versatility, opening up more job opportunities.



Career Advancement Opportunities

Learning React not only equips you with a valuable skill but also opens doors to more advanced roles such as Senior React Developer, React Team Lead, or Frontend Architect.

As you gain experience and expertise in React, you'll be sought after for leadership positions and higher-paying roles within organizations.



Rapid Development Cycle

React's virtual DOM and one-way data flow contribute to faster rendering and better performance, enabling developers to create highly responsive and efficient web applications.

The extensive ecosystem of React libraries and tools, along with strong community support, streamlines the development process, reducing time-to-market for products and projects.

Remote Work Opportunities

With the rise of remote work trends, many companies are hiring React developers to work remotely, offering flexibility in terms of location and work hours.

Remote job opportunities allow React developers to access a global talent pool and work with companies from different parts of the world without geographical constraints.

Future-proofing Your Career

React's popularity and widespread adoption indicate that it's likely to remain a dominant force in the web development landscape for the foreseeable future.







By investing time in learning React and staying updated with the latest developments in the React ecosystem, you can future-proof your career and stay relevant in the ever-evolving tech industry.

Who should take this course?

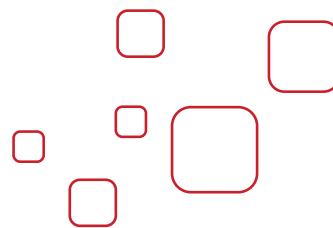


React for whom?

A comprehensive course is suitable for aspiring web developers, computer science students, IT professionals, and anyone interested in building dynamic websites and web applications.

-  Those with no prior knowledge of React
-  Career Changers, Professionals Seeking Career Growth, Entrepreneurs and Tech Enthusiasts
-  Students, Beginners and anyone Interested in keeping up with industry trends
-  Web Developers Looking to Enhance Their Skills
-  Full Stack Developers Seeking Specialization
-  Frontend Developers Exploring New Technologies

Student Intern Status – International Point System



Embark on a structured learning journey with our International Point System, an essential aspect of our internship placement process. Here's a snapshot of the process:

This system not only establishes a standardized evaluation process but also motivates students to excel in their internship, enhancing their preparedness for future professional endeavors. Embrace the International Point System and set yourself on the path to a rewarding placement experience.

Point Accumulation

Students earn points by successfully fulfilling the required tasks and objectives.

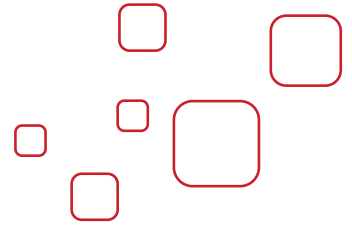


Mandatory Requirements

To be eligible for the placement process, students must complete a set of mandatory items outlined in our International Point System.

Minimum Required Points

Meeting the minimum required points is essential for students to qualify for the placement process. This ensures a fair and competitive environment.



Course content

Sprint 1

- LMS account creation, basic session
- Computer basics, computer architecture, input/output units. software, OS, cmd commands, shell commands, network, basic network commands
- Programming concepts, machine language, high level language, translators, programming language, framework, variables
- Operators, types of operators, introduction to git and GitHub
- GitHub collaboration
- HTML introduction, basic tag, formatting tags, comments, image, block level and inline tags
- semantic tags, lists, hyper link, tables, forms, web hosting
- Introduction to css, selectors, pseudo class and pseudo elements

Project

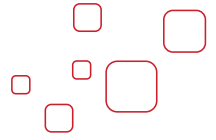
- Project Intro Session
- Project Setup
- Basics of NextJS
- Frontend folder structure & Code Familiarization
- Git Branching concepts

Sprint 2

- CSS box model, flex and grid
- Bootstrap and its component familiarization
- Introduction to js, data types, operators, message boxes,
- Conditional statements, loops and switch
- Introduction to functions, key aspects of functions, scope

Project

- Task assignment
- REST Api Concepts



Sprint 3

- String and array method, DOM, Todo
- Introduction to jQuery, jQuery effects and animations
- jQuery ajax, json parsing, handling array

Project

- Task Assignment
- Basic concepts of State Management and JWT
- Scrum and Sprint review

Sprint 4

- Objects, OOPS, Advanced js- Asynchronous programming
- Status code, different types of browser storage, type script
- Introduction to React, Parent child communications, state and virtual DOM, React story book
- React routing, todo application, firebase and hosting

Project

- Workflow familiarization of an existing feature
- Scrum and Sprint review

Sprint 5 & 6

- Todo application using Typescript
- File upload, functional and class components, lifecycle, components styling
- Redux, redux toolkit
- Counter App, Shopping Cart
- Introduction to MySQL, DBMS, RDBMS, DML, CRUD operations on Database
- MySQL functions, Node-MySQL Connectivity
- Creating a simple application using routing config
- Creating a simple application using API
- Creating a simple application using error boundary, logging and context Api

Project

- Workflow familiarization of an existing feature
- Scrum and Sprint review

Learning Path

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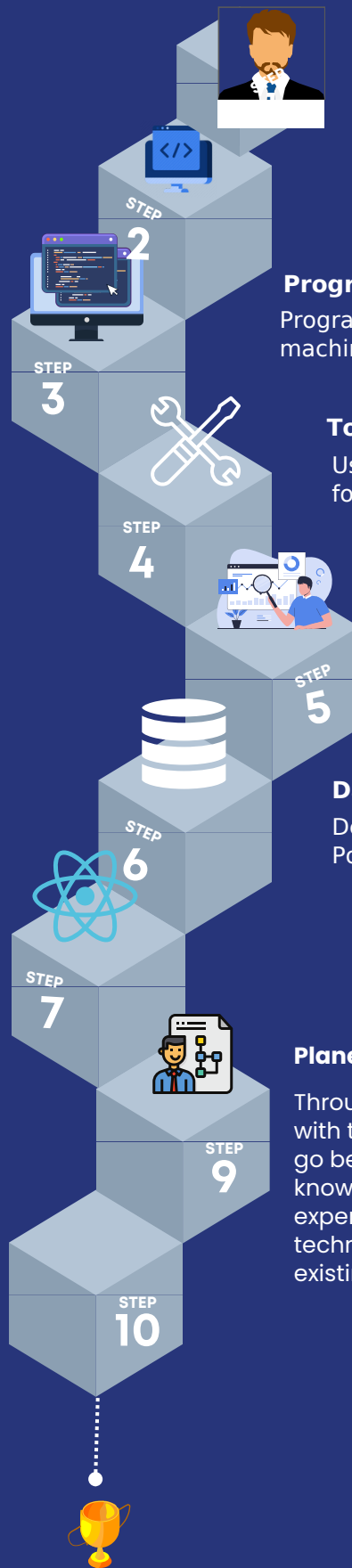
Basics of computer science

Computer architecture and organization
Programming
Computer networking



React Programming

Introduction to React
Fundamentals



Programing Concepts

Programming concepts & machine language

Tools and techniques

Using IDE effectively
Git following Coding Standards

Front-End technologies

Introduction to HTML, CSS and JavaScript

Database

Design the Database using PostgreSQL

Plane Project

Through practical experience with the Plane project, interns go beyond theoretical knowledge, gaining hands-on experience and applying these technologies to enhance an existing project.



Completion Certificate

CERTIFICATE



Classroom-Level Immersion: Delivered Digitally

- Any Where, Anytime access
- Online Self learning
- Courses designed by alumni of IIT, NIT & IIM.
- CS Certificate Internship Certificate & UK Certificate
- CS Talent Show



Our Branch All Around World



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EDUCATION

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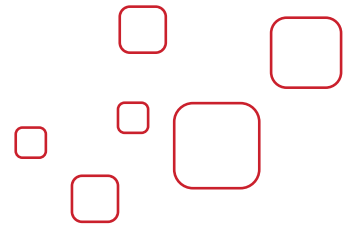
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More Information About us?



Contact Us!

Cyber Square Pro is a learning platform and resource hub for professionals looking to learn cutting-edge digital skills, whether they're coding novices or programming pros.

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Thank You!

