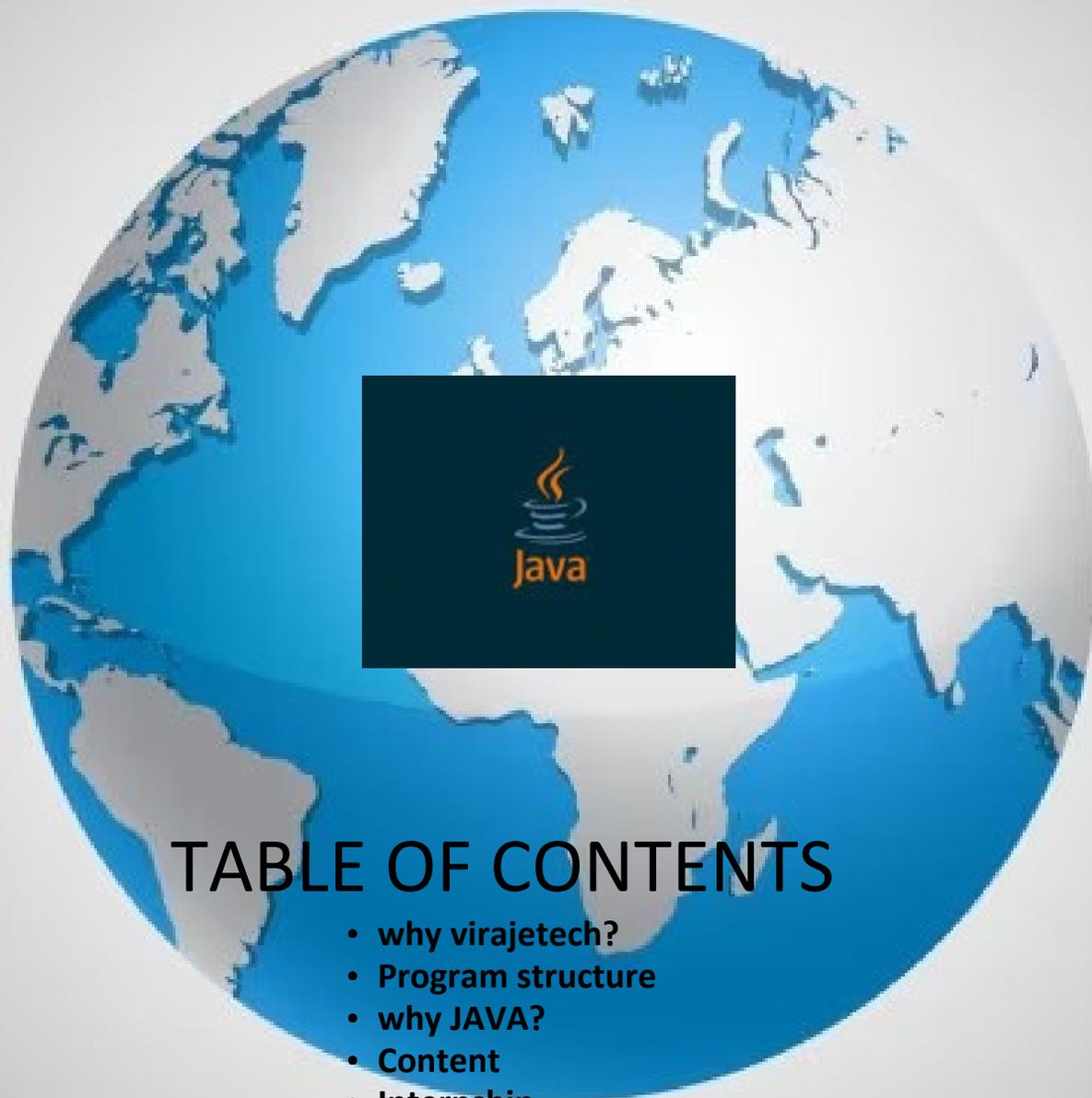




**VIRAJE  
TECH**

# CERTIFIED JAVA

## PROGRAM BROCHURE



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# WHY VIRAJETECH?

## “OUR VISION”

To be the safest, most progressive Technology Provider, relentless in the pursuit of Client and employee excellence

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VirajeTech's Placement Team boasts industry-leading success, aiding thousands in seamless transitions to JAVA careers.



### EXPERT TRAINERS

10+year experienced and Industry Experts

Elite Faculty from Prestigious universities with deep research and coaching expertise

### COMPREHENSIVE

30 hours & 700+ Learning Hrs. Syllabus aligned with virajetech standards and rigorously updated to match with latest industry requirements



### JOB ASSISTANCE

End to End job Support

Personalized resume and interview preparation support Job updates and connects

### REALTIME EXPERIENCE

Projects and Internships

20 capstone projects and 1 client projects with active interaction Internship -developing POCs

# PROGRAM STRUCTURE

THE COURSE FOR BEGINNER'S PROFESSIONALS AND INTERMEDIATE LEARNERS IN THE FIELD OF JAVA THIS IS A CAREER- ORIENTED PROGRAM, DESIGNED TO IMPART A STRONG FOUNDATION



- PRE COURSE SELF-STUDY
- HIGH QUALITY VIDEOS WITH
- EASY LEARNING APPROACH
- CERTIFICATIONS
- JOB READY PROGRAM
- LIVE TRAINING
- 30 HOUR A WEEK
- COMPREHENSIVE SYLLABUS
- HANDS-ON PROJECTS
- EXPERT TRAINERS AND MENTORS



# Java Programming in JavaScript Full Course



## WHY JAVA?



A Java e-learning course is highly advantageous for the IT industry due to Java's widespread use and versatility. The course equips IT professionals with essential programming skills, as Java remains a cornerstone in developing robust and scalable applications. The online format provides flexibility, enabling learners to acquire Java proficiency at their own pace, a crucial aspect in the fast-paced IT environment. Java's cross-platform compatibility makes it indispensable for diverse IT projects, and the e-learning course ensures accessibility for a global audience, fostering a collaborative and interconnected IT community. Practical exercises within the course enhance hands-on experience, empowering IT professionals to apply Java effectively in real-world scenarios. Continuous updates in the e-learning curriculum keep learners abreast of Java's evolving features and industry best practices, making the course a valuable investment for career advancement in the IT sector.

# Java Programming in JavaScript Full Course



## 1. Introduction to JavaScript

- *Overview of JavaScript*
- *Role of JavaScript in Web Development*
- *Key Features and Advantages*
- *JavaScript vs. Java*
- *Setting Up JavaScript in Java Projects*

## 2. JavaScript Basics

- *Operators and Expressions*
- *Control Flow Statements (if, else, switch)*
- *Loops (for, while, do-while)*
- *Functions and Scopes*

## 3. JavaScript Objects and Functions

- *Object Methods and Prototypes*
- *Creating and Using Functions*
- *Function Parameters and Return Values*
- *Higher-Order Functions and Callbacks*
- *Building Resizable and Selectable Elements*

## 4.Bootstrap Components

- *Accessing and Modifying Elements*  
*DOM Events and Event Handling*  
*Traversing the DOM*
- *Creating and Removing Elements*

## 5.JavaScript and Asynchronous Programming

- *Callbacks and Promises*
- *Async/Await in JavaScript*
- *Working with AJAX*
- *Fetch API for Data Retrieval*

## 6.JavaScript Libraries and Frameworks

- *Popular Libraries (e.g., jQuery)*
- *Introduction to JavaScript Frameworks*
- *Popular Frameworks (e.g., React, Angular, Vue)*
- *Choosing the Right Tool for the Job*

## 7.JavaScript and Modern Web Development

- *Building Single Page Applications (SPAs)*
- *Using JavaScript Modules*
- *Task Runners and Bundlers (e.g., Webpack)*
- *Integrating JavaScript with Server-Side Rendering*

## 8.JavaScript and Web Security

- *Cross-Site Scripting (XSS) Prevention*
- *Cross-Site Request Forgery (CSRF) Protection*
- *Content Security Policy (CSP) for JavaScript*
- *Best Practices for Secure JavaScript Development*

## 9. JavaScript Debugging and Performance Optimization

- *Browser Developer Tools*
- *Profiling and Optimizing JavaScript Performance*
- *Code Splitting for Performance*
- *Browser Caching Strategies*

## 10. Advanced JavaScript Concepts

- *The "this" Keyword in JavaScript*
- *Prototypal Inheritance*
- *ES6 Features (Arrow Functions, Classes)*
- *Destructuring and Spread/Rest Operators*

## 11. Integrating Bootstrap with Java

- *Enhanced Object Literals*
- *Promises and Fetch API*
- *Generators and Iterators*
- *Modules in JavaScript*

## 12. JavaScript Testing

- *Unit Testing with Jest*
- *Testing Frameworks (Mocha, Jasmine)*
- *Mocking and Stubbing in JavaScript Tests*
- *End-to-End Testing with Selenium and JavaScript*

## 13. JavaScript and Server-Side Development

- *Building RESTful APIs with Express*
- *Asynchronous Programming in Node.js*
- *Connecting to Databases with Node.js*
- *Express Middleware and Routing*

## 14. JavaScript and Mobile Development

- *Cordova/PhoneGap for Cross-Platform Apps*
- *React Native for Native Mobile Apps*
- *Building Progressive Web Apps (PWAs) Mobile-*
- *First Design Principles*

# INTERNSHIP

Explore valuable internship opportunities with us! Join a dynamic and innovative environment, collaborate on real-world projects, and enhance your skills. We're seeking motivated individuals with a passion for learning and strong communication skills. This internship offers hands-on experience, exposure to industry best practices, and potential career pathways.



## VIRAJETECH EXPERTISE CLASS

**VIRAJETECH EXPERTISE CLASS**

# JOB READY PROGRAM

## PROJECT MENTORING

100 hoursLive  
Mentoring inindustr  
projects y



## DOUBTS SESSIONS

Twice a week, Live  
doubts session from  
mentors and experts



## PLACEMENT ASSISTANCE TEAM

## INTERVIEW QUESTIONS

Frequently asked  
interview questions  
course included



## JOB COUNSELLING

Mapping your profile  
to suitable job role



## RESUME SUPPORT

Personalized resume  
creation support from  
professionals



## ALUMINI CONNECT

Connect with  
successful Alumni to  
learn from experience



## PLACEMENT ASSISTANCE



# OUR LEARNER'S FEED BACK

## HIGHEST LEVEL OF CUSTOMER DELIGHT

 **Ruchi S**  
1 review · 3 photos  
★★★★★ 3 months ago

VirajeTech has been a game-changer for me. Their training courses have provided me with the skills I needed to excel in my career 4X. The instructors and Arjun sir are passionate about what they do, and it shows in their teaching. Hands on and practical way of teaching, I highly recommend VirajeTech to anyone looking to further their knowledge and skills

 **Anoop G**  
6 reviews  
★★★★★ 3 months ago

Getting placed at Amency was a dream come true, and I owe a big thank you to VirajeTech for making it possible. The instructors were experts in their field, and they created a supportive learning environment. The hands-on approach and practical exercises made all the difference.

 **Sachidanand Shahane**  
3 reviews  
★★★★★ 7 months ago

I am part of the AWS Associate master Class. The course was designed in a fashion that we are able to cover most of the content in a very short time. our trainer Kumar sir clarified any doubt we had and also pushed us to do the practicals which is really helpful in the learning process. Hi having vast knowledge and experience in Devops and Multi cloud platform(AWS,Azure,GCP),he provide the opportunity to get as much knowledge and guidance as possible. each session are interactive has real time use cases.

 **Sayali Gawde**  
2 reviews  
★★★★★ a year ago

Thanks for the AWS tutoring by Virajtech. The best decision I have taken in my career so far. Instructor was very helpful and gave all possible solutions related to the problem which we faced in real time scenarios. This is what I have experienced in this course, a very practical and beneficial one.

 **Piyush Poply**  
2 reviews  
★★★★★ 3 years ago

I am connected with this organization since its inception. This is one of the best places to learn, practice and grow your skills up to the standards of the industry. As in IT industry, maintaining your skills and updating yourself is the most important thing, we should never stop learning and this is exactly what this institute provides. The online classes are really great as well as the trainers.

 **Harpreet Singh**  
12 reviews  
★★★★★ 7 months ago

Give very detailed explanation and also live teaching classes. Covering all latest topics which for sure help in getting jobs in today's market

# ADMISSIONS AND CONTACTS

ENQUIRE FOR DETAILED INFORMATION FOR ENROLLMENT

DURATION:35 HOURS

LEARNING : ONLINE MODE

b 1st floor, 64, 3rd Cross Rd, Electronics City Phase  
1, Electronic City, Bengaluru, Karnataka 560100  
PHN NO:8618501719



8 HRS/WEEK

SELF STUDY



8 HRS/WEEK

INSTRUCTOR LED LIVE ONLINE LEARNING



4 HRS/WEEK

PROJECTS & ASSESSMENTS

20 HOURS A WEEK COMMITMENT



**JAVA** IS RATED AS **THE TOP CAREER**

HIGHEST PAID –RECESSION PROOF –MILLIONS OF JOBS



TAKE YOUR FIRST STEP TOWARDS JAVA CAREER

[ENQUIRE NOW](#)

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