VIRAJE TECH

CERTIFIED JAVA
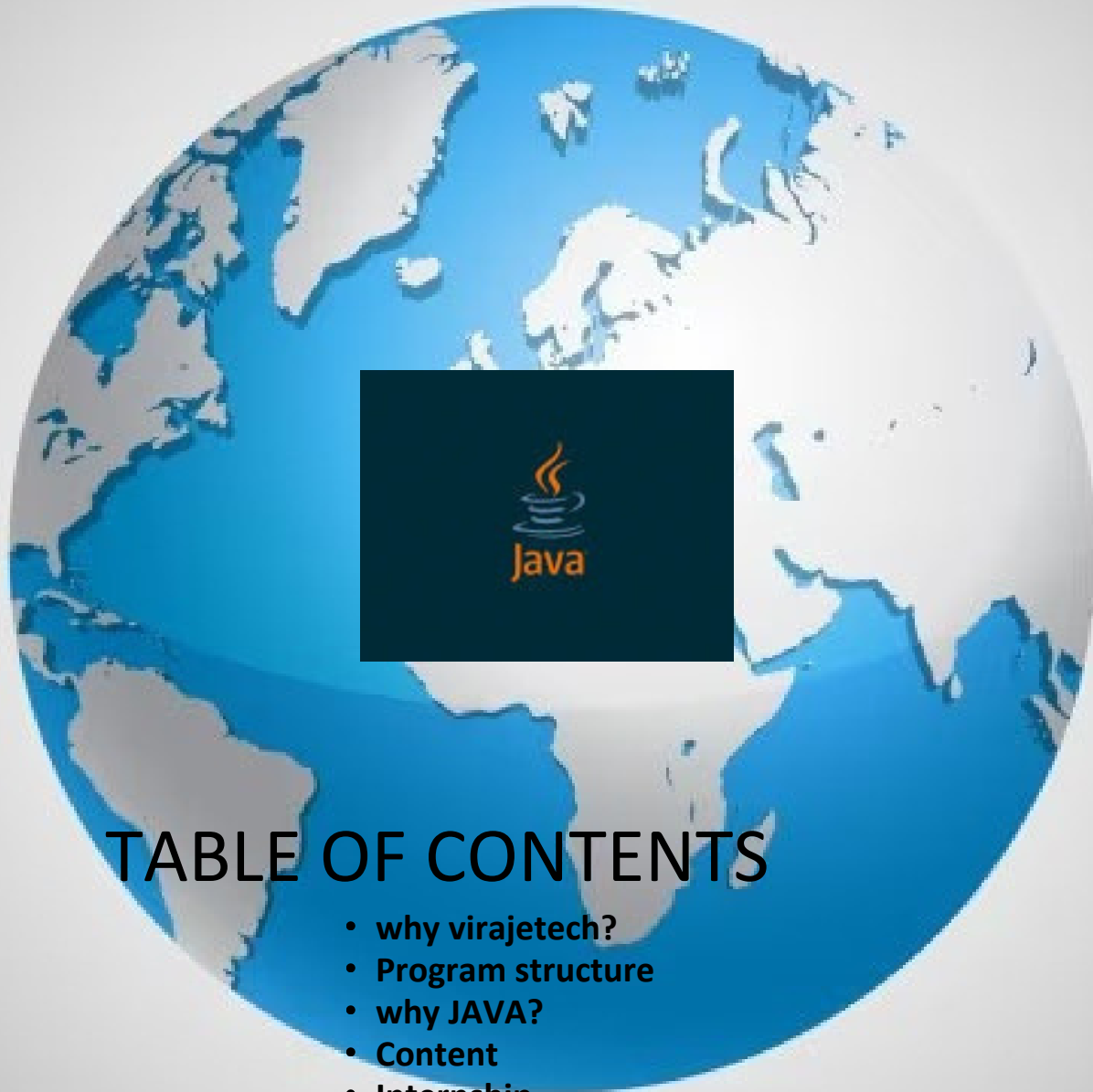
PROGRAM BROCHURE

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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

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

EXPERT TRAINERS

10+year experianced and Industry Experts Elite Faculty from Prestigious universities with deep research and coaching expertise

JOB ASSISTANCE

End to End job Support Personalized resume and interview preparation support Job updates and connects

COMPREHENSIVE

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

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**

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Java Programming
in jquery

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.

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Java Programming in jquery

1.Introduction to jQuery

- *Overview of jQuery*
- *Historical Context and Evolution*
- *Role of jQuery in Modern Web Development*
- *Benefits and Drawbacks*
- *Setting Up jQuery in Java Projects*
- *Popular Use Cases for jQuery*

2.jQuery Basics

- *Traversing the DOM with jQuery*
- *Manipulating DOM Elements*
- *Event Handling in jQuery*
- *jQuery Effects and Animations*
- *Working with CSS and Styles in jQuery*
- *Understanding Callbacks in jQuery*
- *Error Handling in jQuery*
- *Dynamic Content Loading with jQuery*

3.jQuery UI

- *Overview of UI Components*
- *Interactions and Widgets*
- *Theming jQuery UI*
- *Customizing jQuery UI Elements*
- *Creating Custom Widgets*
- *jQuery UI Events and Interactions*
- *Implementing Draggable and Droppable Elements*
- *Building Resizable and Selectable Elements*
- *Handling UI Effects and Transitions*

4.Advanced jQuery Concepts

- *jQuery Templates and Data Binding*
- *Creating Dynamic UI Elements*
- *Best Practices for Memory Management*
- *Enhancing Performance with jQuery*
- *Working with Data in jQuery*
- *Advanced Event Handling Techniques*
- *Customizing jQuery Plugins*
- *Unit Testing jQuery Code*
- *Debugging Strategies in Complex Applications*

5.Integrating jQuery with Java

- *jQuery and JavaServer Pages (JSP)*
- *jQuery and Servlets*
- *Integrating jQuery with Java Frameworks (Spring, Java EE)*
- *Server-Side Communication with Java*
- *Leveraging Java RESTful Services with jQuery*
- *Consuming JSON Data with jQuery*
- *Integrating jQuery with JavaFX Applications*
- *Integrating jQuery with Java Microservices*
- *Cross-Browser Compatibility and Testing*

6.Real-World Applications with jQuery

- *Form Validation with jQuery*
- *Implementing Dynamic Forms*
- *Creating Image Sliders and Galleries*
- *Implementing Infinite Scrolling*
- *Real-Time Updates with jQuery*
- *Implementing Ajax-based Features*
- *Building a Collaborative Web Application*
- *Integrating jQuery with Content Management Systems*
- *Case Studies of Successful jQuery Implementations*

7.jQuery Mobile

- *Building Mobile-Friendly Web Pages*
- *UI Components in jQuery Mobile*
- *Page Navigation in jQuery Mobile*
- *Theming and Styling for Mobile*
- *Handling Touch and Swipe Events*
- *Responsive Design for Various Devices*
- *Integrating jQuery Mobile with Java Web Applications Progressive*
- *Enhancement with jQuery Mobile*
- *Common Challenges and Solutions*

8. jQuery and Modern Web Development

- *Integrating jQuery with Front-End Frameworks (Angular, React, Vue)*
- *jQuery in Single Page Applications (SPAs)*
- *jQuery and Web Accessibility*
- *Trends and Innovations in jQuery*
- *The Role of jQuery in the Era of Web Components*
- *Integrating jQuery with WebAssembly*
- *jQuery in Server-Side Rendering Applications*
- *Building Modern UIs with jQuery*
- *Exploring the Future of jQuery*

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9.jQuery Animation and Visual Effects

- *jQuery Easing and Effects*
- *Custom Animation with animate()*
- *Creating Advanced Transitions*
- *Handling Multiple Animations*
- *Working with CSS Animations*
- *Best Practices for Smooth Visual Effects*
- *Creating Parallax Scrolling Effects*
- *Dynamic SVG Animation with jQuery*
- *Implementing 3D Transformations*

10.Advanced jQuery Event Handling

- *Custom Events and Event Propagation*
- *Advanced Event Binding Techniques*
- *Capturing and Bubbling Phases*
- *Event Delegation for Dynamically Created Elements*
- *Mouse and Keyboard Events in Detail*
- *Touch and Gesture Events*
- *Handling Window and Document Events*
- *Event Handling Performance Considerations*
- *Combining Events for Complex Interactions*

11.jQuery and Asynchronous Programming

- *Callbacks and Callback Hell*
- *jQuery Deferred and Promises*
- *Chaining Asynchronous Calls*
- *Handling Parallel and Sequential Asynchronous Operations*
- *Async/Await in jQuery*
- *AJAX with Promises*
- *Efficient Data Loading Strategies*
- *Loading Data from External APIs*
- *Real-Time Data Updates with Asynchronous Calls*

12. jQuery and Cross-Browser Compatibility

- *Feature Detection vs. User-Agent Sniffing Browser-*
- *Specific CSS and JavaScript*
- *Vendor Prefixing for CSS Properties*
- *Polyfills and Shims in jQuery*
- *Handling Browser Differences in Event Handling*
- *Testing and Debugging Cross-Browser Issues*
- *Browser Compatibility Tools and Services*
- *Progressive Enhancement for Cross-Browser Support*
- *Best Practices for Writing Cross-Browser Code*

13.jQuery and Web Performance Optimization

- *Minification and Compression of jQuery Code Lazy*
- *Loading of jQuery and Assets*
- *Optimizing Images and Media*
- *Efficient DOM Manipulation Techniques Reducing*
- *HTTP Requests with CDNs*
- *Caching Strategies for jQuery Applications*
- *Measuring and Analyzing Web Performance*
- *Performance Budgeting for jQuery Projects*
- *Continuous Performance Monitoring*

14. jQuery and Cross-Browser Compatibility

- *Integrating jQuery with Server-Side Rendering (SSR) Frameworks Progressive*
- *Enhancement with jQuery*
- *jQuery and WebAssembly*
- *Advanced DOM Manipulation Techniques*
- *State Management with jQuery*
- *Advanced jQuery Plugins*
- *Exploring jQuery's Source Code*
- *Extending jQuery with Custom Utilities*
- *Advanced Customization of jQuery UI Widgets*

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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

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JOB READY PROGRAM

PROJECT MENTORING

100 hoursLive Mentoring inindustry 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

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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

8 HRS/WEEK

4 HRS/WEEK

SELF STUDY

++ INSTRUCTOR LED LIVE ONLINE LEARNING

PROJECTS & ASSESSMENTS

20 HOURS A WEEK COMMIMENT

★ **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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