JavaScript:

- JavaScript - Introduction
- Who runs our JavaScript code?
- Relationship with HTML and CSS
- History of JavaScript
- JavaScript Basic Programming Concepts
- JavaScript Embedding
- Writing to the document
- Using Browser Console
- Comments in JavaScript
- Variables and Data Types
- Difference between null and undefined
- var v/s let
- Dialog Boxes in JavaScript
- Using Template String
- Operators in JavaScript
- Type Conversion & Type Coercion
- Conditional Statement in JavaScript
- Loops in JavaScript
- Array and its methods in JavaScript
- Functions in JavaScript
- Anonymous Functions
- Some important built-in functions
- User Defined Objects in JavaScript
- Objects in JavaScript
- Adding, changing, and Deleting properties
- Nested Objects
- Creating object using object literal
- Advance Concepts in Objects
- The toString() method
- What is JSON?
- The 'this' keyword and using of 'this' keyword
- The Arrow function
- Callback function
- Anonymous function as callbacks
- Pre-defined objects in JavaScript
- DOM in JavaScript
- DOM selection methods
- Changing CSS
- Adding & Removing classes
- Traversing the DOM
- DOM properties
- Creating new element
- append() & preprend()
- Event Handling
- Cancelling the default behaviour
- Using DOM event handler
- Working with Mouse and KeyBoard Events
- Determining the key Pressed
- The event object
- Event Bubbling
- Event delegation
- Forms in JavaScript
- Form Events

Thank You!

Our Location

HEAD OFFICE

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Great Things Take Time

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Full Stack Web Development

Java SE + Java EE + Front-end

Java SE (Core Java)

- Intro & History of Java
- Features of Java
- What makes Java Platform Independent
- Difference between JDK & JRE & JVM
- Installation & Setup
- Java Program Explanation
- Program Execution Steps
- ByteCode Explanation
- Data Types
- Type Conversion
- Type Casting
- Operators
- Types of Variables in Java
- Accept Input Using the Command line
- String Class
- Wrapper Classes
- Conditional Statement
- Accept Input Using Scanner Class
- Loops in Java
- Installation & use of IDE
- Arrays
- Enhanced For Loop
- Double - Dimensional Array
- Jagged Array
- Object Oriented Programming
- Classes and Objects
- Object Initialisation
- Constructors
- Method Overloading
- Constructor Overloading
- Argument Passing in Java
- Passing Array Reference
- Static Keyword
- finalize() method
- Introduction to gc() method
- Introduction to Object class
- Static methods
- Static Blocks
- this reference
- Constructor Chaining
- Inheritance
- Using the keyword super
- Method Overriding & Method Overloading
- Polymorphism
- Abstract method and Abstract class
- Using the keyword final
- Intro to final data members
- Intro to Interface
- Exception Handling
- Exception Hierarchy
- Using the keyword throw
- the Finally Block
- String Handling
- String class
- StringBuffer class

Interview Specific (Online Classes):

- **File Handling**
- **Collection**
- **Packages**
- **Multithreading**

Java EE (Advance Java

- Intro to JEE
- Servlets
- Need of Servlet
- Servlet Container
- Request & Response of Servlet
- LifeCycle of Servlet
- Creating the Servlet
- Intro to HttpServlet
- Intro to doget() and dopost()
- Calling Servlet using HTML Page
- Methods of ServletRequest And HttpServletRequest
- Connecting A Server to the database
- Inter Servlet Communication
- Transferring Request
- Using Request Redirection
- Using Request Dispatching
- JSP
- Servlet v/s JSP
- Request Processing in JSP
- JSP Tags
- Types of JSP Elements
- Scriplet Tag
- Declarative Tag
- Expression Tag
- List of implicit objects in a JSP Page
- MVC(Model View Controller)
- Directives
- Intro to JSP Directives
- The @page directive
- Attributes of @page directive
- The @include directive
- Session Tracking
- Cookies
- Using Cookies
- Important methods of Cookies
- Session Tracking using Session API
- The HttpSession Interface
- Working of HttpSession
- Methods of HttpSession
- Session Counter
- Event Handling in Session Tracking

Interview Specific (Online Classes):

- **JDBC**
- **CRUD in SQL**

Front-end Development

HTML:

- Introduction to HTML
- What Is Web Development?
- Headings
- Paragraph
- Special Character
- Ordered List
- Unordered List
- Defination List
- Anchor tag
- Image tag
- Table in HTML
- Attributes of Table
- Generating Irregular Tables
- Forms in HTML
- Different type of input tags
- Select tag
- Generating Drop down llist
- Generating Scrollable List
- Introduction to HTML 5
- Web Forms 2.0
- New Input Elements
- New Form Attributes
- DataList Tag
- Playing Audio
- Controlling Audio
- Playing Video

CSS:

- Introduction to CSS
- Types of CSS
- CSS Selectors
- Inheritance in CSS
- CSS Units
- Absolute v/s Relative Units
- Styling Background using CSS
- Handling Font in CSS
- What are Google Fonts
- Handling Text in CSS
- Styling Links
- Pseudo-Classes
- Styling Lists in CSS
- Styling Tables in CSS
- Creating Zebra Striped Tables
- The <div> and <span> Tags
- Semantic tags in HTML
- The CSS Box Model
- Border, Padding and Margin
- Setting Element Pos using Float
- The Visibility Property
- The Display Property
- Positioning in CSS
- Other properties used with Positioning
- Styling form in CSS
- Flex box