

# **Certification in Servlet**

## **Syllabus**

**Duration: 60 Hours**

### **1. Basics of Servlet**

- Servlet: What and Why?
- Basics of Web
- Servlet API
- Servlet Interface
- GenericServlet
- HttpServlet
- Servlet Life Cycle
- Working with Apache Tomcat Server
- Steps to create a servlet in Tomcat
- How servlet works?
- servlet in Myeclipse
- servlet in Eclipse
- servlet in Netbeans

### **2. ServletRequest**

- ServletRequest methods
- Registration example with DB

### **3. Servlet Collaboration**

- RequestDispatcher
- sendRedirect

### **4. ServletConfig**

- ServletConfig methods
- ServletConfig example

### **5. ServletContext**

- ServletContext methods
- ServletContext example
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### **6. Attribute**

- How to set, get and remove example?

## **7. Session Tracking**

- **Cookies**
- **Hidden Form Field**
- **URL Rewriting**
- **HttpSession**
- **Event and Listener**

## **8. Filter**

- **Filter**
- **Authentication Filter**
- **FilterConfig**
- **Useful examples**

## **9. HTML**

- **Introduction to HTML**
- **HTML Tags**
- **Creating Forms**
- **Creating tables**
- **Managing home page**

## **10.CSS**

- **Introduction to CSS**
- **Three ways to use CSS**
- **CSS Properties**
- **Designing website**
- **Working with Templates**

## **11.JAVA SCRIPT**

- **Introduction to Javascript**
- **Three ways to use Javascript**
- **Working with events**
- **Client-side Validation**

## **12.Project Work**

## **13.Placement Assistance Sessions**

- **Mock Interviews**
- **GDs**
- **Preplacement Talks**
- **Industry Exposer Sessions**

## **14.Internship**