



ZUKUN
THE FUTURE

IT TRAINING INSTITUTE

JAVA FULL STACK DEVELOPMENT SYLLABUS



 8925954490

 info@zukunacademy.com

 www.zukun.in

Our Promises

Monthly Guaranteed Interviews

Get interview opportunities every month until you're placed.



Job Portal Optimization

Boost your profile visibility on top job portals



LinkedIn Optimization

Improve your LinkedIn profile to attract recruiters.



Monthly Mock Interviews

Practice with mock interviews after every major module.



Weekly Tests

Track your progress with weekly skill assessments.



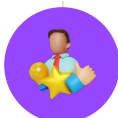
Saturday Aptitude & Communication Classes

Sharpen your aptitude and speaking skills every Saturday.



Sunday Industry Expert Sessions

Learn from professionals every Sunday.



Complete Placement Support

We guide you from day one till you get placed.



Training Module

1. STUDENT

Enquiry's about the course

2. CONSULTANT

Our expert consultants recommend courses based on the student's degree and career goals.



ZUKUN EVALUATION & TRAINING MODULE



5. INTERVIEW SCHEDULING

After the student is fully prepared, we coordinate technical and HR interviews with leading companies. The process will start after the 1st month



3. TECHNOLOGY

We align the student's learning with the latest company job descriptions and industry demands.



4. APITUDE & COMMUNICATION

Students are trained in essential soft skills, including aptitude, English communication, and presentation skills.



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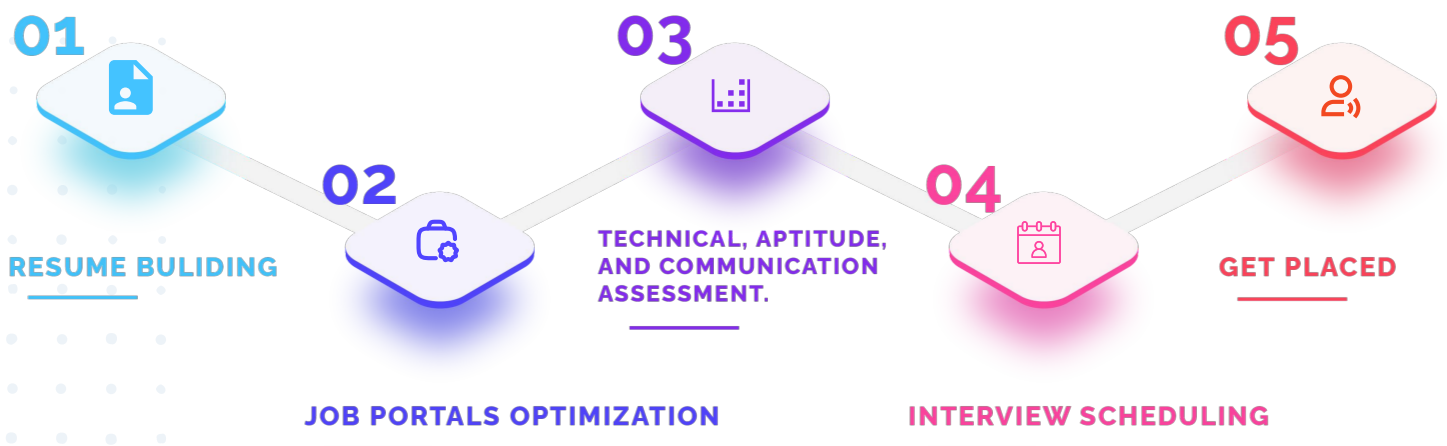


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Placement Module



At Zukun Academy, the journey doesn't end with learning—it begins with launching your career. Our Placement Module is designed to help students confidently step into the job market with the right skills and support. From building powerful resumes and practicing with mock interviews to understanding real-time job roles and company

expectations, we ensure you're job-ready from every angle. Students also work on live projects to build their portfolios, receive one-on-one career counselling, and gain direct access to placement drives through our network of hiring partners. We focus on more than just training, we're with you until you get placed.



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Module 01: Front End - HTML

- Introduction to HTML
- Basic Structure of HTML
- HTML Editors
- HTML Tags
- Paragraphs, Headings, and Text
- Formatting Tags
- HTML Lists
- HTML Images
- HTML Tables
- HTML Forms
- HTML Media

Module 02: CSS

- Introduction to CSS
- Types of CSS
- CSS Properties
- Selectors and Values
- Applying CSS to HTML
- CSS colors
- CSS Box Model, Margins, Padding,
- Borders
- CSS Text & Font Formats
- CSS Advanced Topics

Module 03: JavaScript

- Introduction to JavaScript
- How to Apply JavaScript
- Displaying Output in JavaScript
- Understanding JavaScript Syntax
- Variables & Data types Operators
- Math and String Manipulations



- Conditional and looping Statements
- Functions
- Validations
- Events

Module 04: JQuery

- Introduction to jQuery
- jQuery Features
- jQuery Syntax
- jQuery Selectors
- jQuery Libraries
- jQuery Validation
- jQuery Slideshow
- JQuery Dropdown
- jQuery UI
- jQuery Accordions
- jQuery Tabs

Module 05: Bootstrap

- Introduction to Bootstrap
- Bootstrap Setup
- Bootstrap Containers
- Bootstrap Grids
- Bootstrap Tables
- Bootstrap Buttons, Navbars, Alerts
- Bootstrap Carousel
- Bootstrap Forms

Module 06: Angular JS

- Introduction to Angular
- Environment Setup
- Installing Angular CLI
- Directory Structure of Angular
- Angular Fundamentals
- Angular Building Blocks



- Angular Data Binding
- String Interpolation
- Directives and Pipes
- Forms
- Routing

Module 07: React JS

- Introduction to React & JSX
- React Components
- JSX
- Flux
- Event Handling In React
- Creating a Dynamic UI in React
- Integration with Other Libraries
- React Server Integration & Deployment

Module 08: BACKEND - Core Java

- Introduction to JAVA
- What is JDK, JVM & JRE
- Java Conditional Statements
- Switch Statement
- Java Looping Structure
- While & do while Loop
- For Loop
- Java Arrays & Array Methods
- Java String & String Methods
- OOPS Explanation
- Object & Class
- Pre-Defined Methods
- User-Defined Methods
- Method Arguments
- Java Constructors & Destructors Inheritance
- Types of Inheritance
- Single, Multilevel & Hybrid Inheritance Polymorphism
- Types of Polymorphism



- Overloading & Overriding Encapsulation
- Getter & Setter Methods
- Abstract Classes
- Interface
- File Handling
- Exception Handling

Module 09: Advanced Java

- Java JDBC
- Connection Object Statement Type & Object Result Set
- & Row Set

JSP

- JSP Predefined Objects
- Request, Response, Out & Sessions Config, Application, Page Context
- Scripting Tags & Directives @page and @include
- JSTL
- JSTL Tags
- Java Bean
- Action Tags
- Java Bean Application

Module 10: Servlets

- Servlet Architecture
- Servlet Request & Responses Session Tracking
- Cookies & URL
- Session Tracking
- Servlet Config
- Servlet Context
- Request Dispatcher
- Listener
- Sessions and Attributes



Module 11: Spring

- Spring Web Service
- Rest API
- Spring Security
- Spring JPA

Module 12: Spring

- Spring Boot Introduction Initializer
- Auto Configuration
- Spring Boot Annotations Spring
- Boot Properties
- Data accessing in Spring Boot Spring Boot with MVC
- Restful App Building

Module 13: Database

- Database handling with Mysql
- Python mysql database access
- Create database connection
- DML and DDL operations with databases
- Performing transactions
- Handling database errors
- Disconnecting database





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Location

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