TAP ACADEMY

6 MONTHS | ONLINE

FULL STACK WEB DEVELOPMENT

(Advance)

Unlimited Placements, Life Time Course Access

Call us at: 91 88848 81203
Mail: online@thetapacademy.com
website: www.thetapacademy.com
Instagram: @tapacademy_online

ABOUT TAPACADEMY

TAP Academy is a skilling organization where we help the students to up-skill themselves and we keep the students in sync with the current IT needs. TAP Academy provides concept visualization using animations, a tech-enabled world-class skilling ecosystem, and the pure joy of learning.

With our training programs, we also give numerous placement opportunities for the students enrolled which will allow them to get their first dream job

Knowldege is of no value unless you put it into practice

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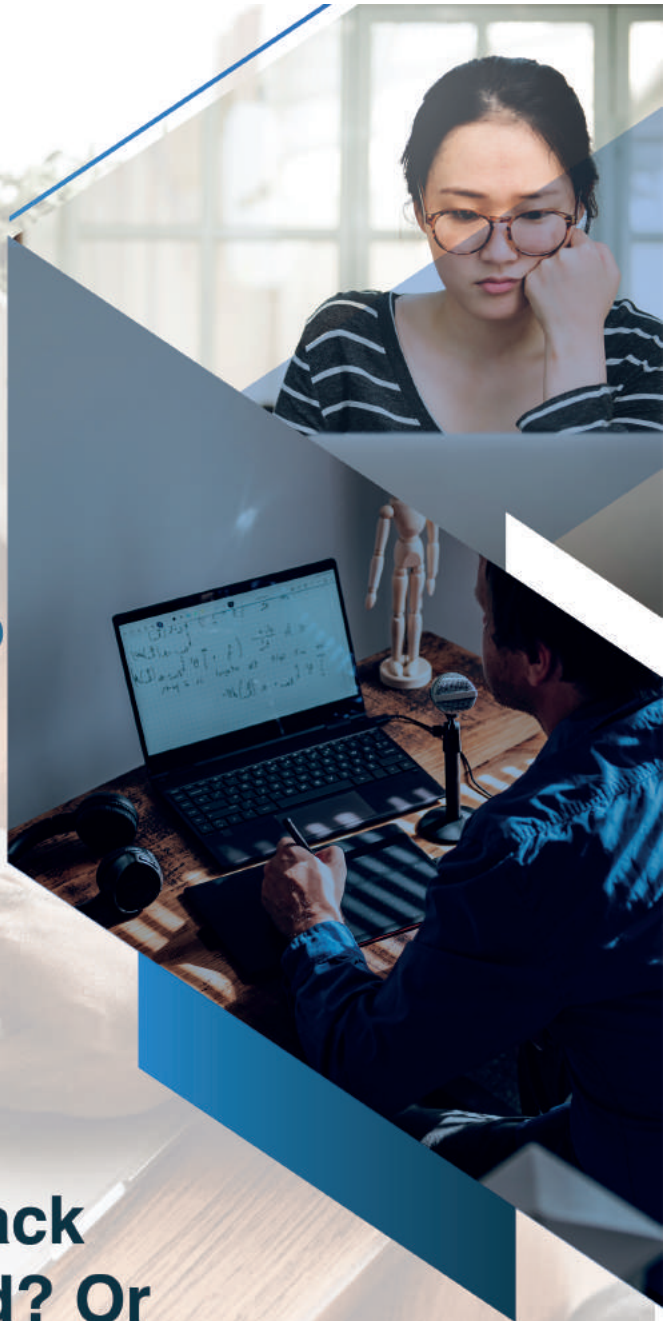
WHY FULL STACK WEB DEVELOPMENT?



Are you thinking if full stack developers are in demand? Or what's the scope of full-stack development?

A full-stack developer's career is the most demanding and fulfilling one. It involves a combination of work at the front-end and back-end to build web applications

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01

Due to the growing number of online platforms and digitally driven businesses, the demand for full-stack developers has been on the rise in recent years. Thus, as long as we have the need for developing web applications, the demand for full-stack web developers will remain high

02

In the past 1 year, there has been an increase of over 30% of jobs for full-stack developers in India

03

Due to their diverse knowledge and skill sets, full-stack developers are highly competent in multi-tasking, hence they are preferred more over other types of developers. Their ability to juggle multiple projects and manage everything single-handedly makes them exceptionally demanding and outgoing

Why TAP ACADEMY?

Get Placed in Your Dream Job

100+ Placement Opportunities
Guaranteed Job Opportunities

Dedicated Career Support
Soft Skills, Mock Interviews, Resume Building, LinkedIn Profile Building, Email Etiquette

Augmented Reality Based Learning
Attend one of the kind Augmented Reality based Live Classes and solve Interview Coding Questions

Weekly Hackathon
Test your knowledge and skills by attempting Weekly Hackathon

Mentorship
24/7 doubt support from our technical team

Real-life Case Studies
Become a Coding Expert by solving Real life case studies

24/7 Learning Management System
Wholesome learning experience with 500 Hours of Quality Training and 200+ hands-on coding questions

Who is this program for?

- Any Technical Undergraduate, Graduate and Postgraduate, Freshers from BE/BTech, ME, MTech, MCA, BSC, BCA
- Professional Looking to upskill their skills to climb the career ladder

The whole purpose of education is to turn mirrors into windows

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PROGRAM HIGHLIGHTS

Tech gives the quietest student a voice

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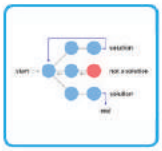
Data Structures & Algorithms

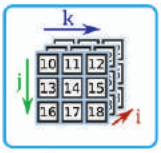
Mathematics

Bit Manipulations

Recursion


Back Tracking

Dynamic Programming



Arrays

Searching - Array

Array Manipulations

Sorting Techniques

Matrix

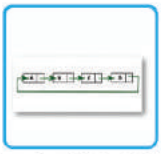
Hashing

Strings

LinkedList

Singly Linked List

Doubly Linked List


Circular Linked List

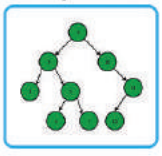
Linked List Manipulations

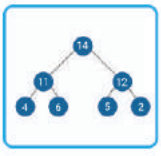
Stack

Queue

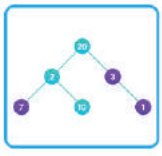
Dqueue

Tree


Binary Search Tree


Heap

Graph


Greedy Algorithm

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Java

CORE JAVA:

- Language Fundamentals
- Data Types
- Introduction Object orientation
- Pattern Programming
- Arrays
- Strings
- String tokenizer
- Methods
- Method overloading
- Constructor
- Encapsulation
- Static
- Inheritance
- Polymorphism
- Access specifiers
- Aggregation and Composition
- Abstraction
- Interface
- Exception Handling
- Multi-Threading
- Producer-Consumer
- Collection
- Maps
- Boxing & Auto Boxing
- File Handling
- Enum
- Annotations

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JDBC:

- Introduction to JDBC
- Key Interfaces
- Property File
- Update Query
- Steps for installing MySQL Connector
- Communication with backend and database
- Batch File
- Dynamic queries
- Transaction & ACID properties
- Store procedure
- BLOB
- In procedure
- In-Out procedure
- CLOB
- Meta-Data of ResultSet

SERVLETS, JSP & JSTL:

Introduction to Servlets
Difference between Web-Based and Distributed Application
Difference between Static and Dynamic response
Control flow of web.xml
Service methods
doGet and doPost method
welcome file list
set and getAttribute in Request Dispatcher
Forward() and Include() in Request Dispatcher
Send Redirect
Difference between Request Dispatcher and Send Redirect
Session management in java
Cookies in java
Servlet context and ServletConfig
Life Cycle of a servlet
Calling servlet using annotation
Filters
Filter Chaining
Introduction to JSP
Working of JSP Engine
JSP Tags
Implicit Objects of JSP
JSTL Tags

HIBERNATE:

Introduction to Hibernate
Benefits of Hibernate
Explanation of Hibernate.cfg.xml File
The relation between hibernate and JDBC
Program to Update Multiple lines (using HQL)
CRUD Operations
Writing SQL Queries in Hibernate
Introduction to Mapping
1:1 Mapping
Property tag in 1:1 Mapping
Unidirectional and Bidirectional in 1:1 Mapping
Many-to-One Mapping
Multiple Programs using 1:1 Mapping and Many-to-One
Many-to-One Mapping (bi-direction)
Many-to-Many Mapping
Programs Using Joinable
Lazy Loading and Eager Loading
Lifecycle of Hibernate
Difference between get and load

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spring®

SPRING:

Feature of Spring,
Spring Architecture,
Inversion of Control
Dependency Injection
(Constructor Injection,
Setter Injection)
Bean Scope,
Bean Lifecycle,
IoC (annotation approach)
Constructor Injection,
Setter Injection,
Field Injection
(annotation approach)
Bean Configuration
using Java Code
Spring MVC Architecture,
First MVC code

Configuration of
Spring MVC
Control Flow of
Spring MVC, Handler
Mapping
RequestMapping
Data Transfer between
Controller & View
RequestParam
SpringMVC Form Tag Library
Spring Validation

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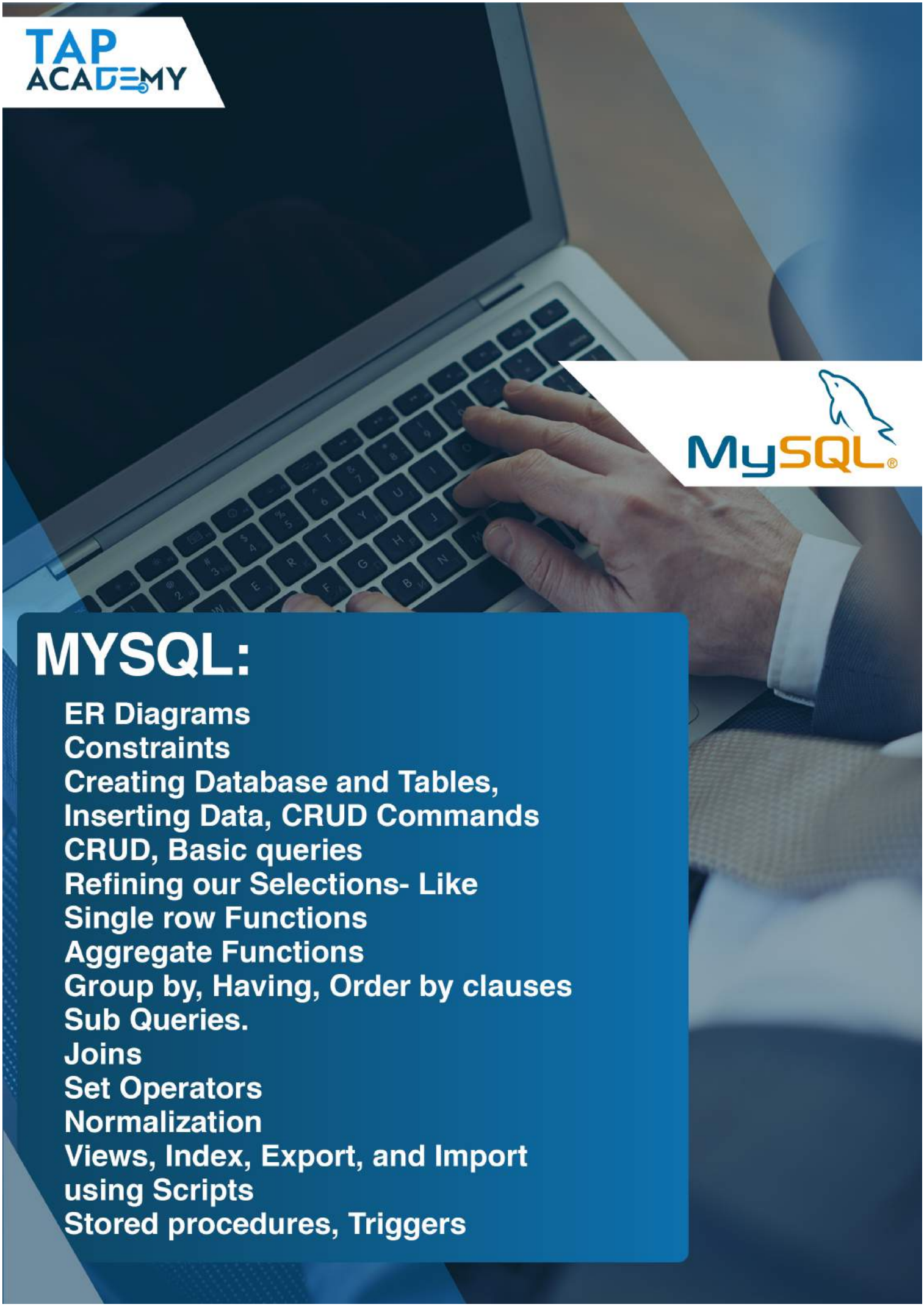
HTML / CSS :

Introduction to CSS3,Basic Selectors
Working with Sizes, Colors and Files
Styling Text
Web Fonts, Gradients without Images
Advanced Selectors, Lists, and Navigation Menus
Exploring Generated Content
Transforms and Transitions
Animating Elements with Keyframes
Styling Tables
Elements Positioning, Working with Layouts
Multi-Column Layouts with CSS3
Dealing with Cross Browser Layouts
Media Queries, Print CSS3

BOOTSTRAP:

Introduction to Bootstrap framework
Bootstrap CSS
Bootstrap Layout Components
Bootstrap JavaScript Plugins
Using Bootstrap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MySQL
MYSQL:
ER Diagrams
Constraints
Creating Database and Tables,
Inserting Data, CRUD Commands
CRUD, Basic queries
Refining our Selections- Like
Single row Functions
Aggregate Functions
Group by, Having, Order by clauses
Sub Queries.
Joins
Set Operators
Normalization
Views, Index, Export, and Import
using Scripts
Stored procedures, Triggers

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JAVASCRIPT:

Introduction to web development and JavaScript
JavaScript Essentials
DOM Scripting

In college it was difficult to understand coding after joining TapAcademy

The languages we understood clearly with best real-time examples. They provided me placement drives till i got the best one with best package.

After i got placed, it made me feel better & happy. The best part is is my family members are very happy about it.

Bhoomika

I was very nervous about my future after completing my graduation,

Then i joined TapAcademy. They teach concepts so well its very easy to understand. they are lot of assignments to pratice to make us perfect & it helps us a lot to crack the interviews. The same questions come in the interview. What i didn't learn in 4 years of engineering in college, i learned more than that in just 3 months in TapAcademy.

Bharat Naik

I knew zero coding before joinig TapAcademy

After joining them i learned java coding so well. The classes were not like other online classes.

The online live classes has Augumented Reality & there are many sessions like doubt clarification sessions, mock interview sessions, etc which helped me a lot to clear the interviews. I recommend all freshers to join TapAcademy.

Tejaskiran

I am very happy with my experience with TapAcademy.

The concepts are explained in such a way that anyone with zero knowledge about coding would easily understand and grasp better.

The animinated videos, assingnments & quizzes makes concepts even more clear & intresting for any beginner. I would like to appreciate the mentors in TapAcademy, who would answer all the queries as soon as possible.

Tushar P S

www.thetapacademy.com

Company that hire from US

You will be provided with placement 100+ opportunities. We are working with huge number of clients and some of our esteemed clients being Mindtree, Capgemini, LG Soft India, Amdocs, Subex, Lekha Wireless Solutions, Saggezza India Etc. Please check out the recent placement drives at TAP Academy in from January 2021 till May 2021 below:

TAP ACADEMY

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BENGALURU