Flair
TECHNOLOGIES

# FRESHERS TRAININGS

Exclusive Software Trainings
and Placements Programs

## COURSES
WE OFFER

- **Data Analyst**
- **Python Fullstack**
- **Java Fullstack**

ENROLL NOW

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www.flairtechnologies.in

# PROGRAM HIGHLIGHTS

### Learning Notes for each Session!

We deliver learning notes after each session for quick recap of important points and steps.



### Interview Preparation

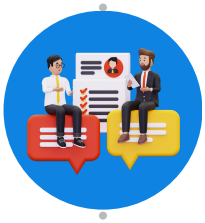
We conduct Interview Preparation sessions to deliver Tips & Tricks to crack the Interviews.

### Weekly Assignments with Solution Document

We assign assignments on every week that helps to improve the technical skills and hands on experience.

### Resume Preparation

We help you in RESUME preparation based on your skills and experience.



### Mock Interviews

We conduct mock interviews & provide you feedback which helps you to prepare for real interviews.

### 1:1 Mentoring

You can have a 1:1 mentorship to discuss your career path & guidance on how to prepare your resume.

# COURSES

**"Quick start your corporate career with best courses"**

**– @flairtechnologies**

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## Data Analyst

In our Data Analytics overview training, participants master the entire data analytics lifecycle, exploring diverse data types, sources and preparation techniques. They learn essential data analysis techniques and gain proficiency in programming with SQL & Python while also developing expertise in effective data visualization and ethical considerations.

## Python Fullstack

This comprehensive outline covers the essential topics and skills needed to become proficient in Python Full Stack development, from basic HTML and CSS to advanced backend development, deployment, and DevOps practices. Depending on the duration and depth of the course, certain topics may be expanded or condensed accordingly.

## Java Fullstack

This course content provides a comprehensive overview of Java Full Stack development, covering frontend and backend development, deployment, testing, and advanced topics. Depending on the course duration and depth, certain topics may be expanded or condensed to suit the learning objectives and audience's proficiency level.

# DATA ANALYST

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## EXCEL:

- Performing calculations on Data by using Excel diverse functions.
- Performing Data operations in Excel.
- Analyzing Data with pivot tables and Power Pivot.
- Transforming the data with Power Query.
- Leveraging Excel data formatting capabilities.

## SQL:

- DDL/DML/DQL Commands in SQL. SQL for querying data from databases.
- Gain proficiency in joining tables and understanding relationships between them.
- Understand principles of normalization, indexing and schema design.
- Handling structured and unstructured data sets.
- Explore SQL functions and stored procedures for complex operations and automation.

## ALTERYX:

- Understand the Alteryx Designer interface and how to create, open, save, and run workflows.
- Learn data preparation techniques and master the use of specific tools for tasks like cleaning, transforming, and enriching data.
- Explore workflow optimization strategies, advanced features like macros and automation and adopt best practices for efficient workflow design.

## MICROSOFT POWER BI:

- Making meaningful insights with Raw Data transforming into Dashboards and Reports.
- Data Analysis and Data Visualizations with Microsoft PowerBI.
- Exploring Data Analysis calculations with DAX and M-language for Data transformations.
- Leveraging PowerBI service features and capabilities.

## PYTHON:

- Introduction to python and all programming concepts in python.
- Exploring OOPS Concepts in Python.
- All the power features of python programming & various python libraries.
- Covering all the Data handling related modules with python like Pandas, NumPy, Matplotlib, Seaborn etc.

# PYTHON FULLSTACK

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## PYTHON:

- Why Python, where you can see python and where to use Python
- Introduction to data types & where and when we need to each data type.
- Loops, Conditions, Functions and Higher Order Functions.
- File Operation and Serialization.
- OOPs concept, Modules, Exception Handling.
- Iterators, Generators, Closers, Decorators, Regex.
- Multithreading and Multiprocessing

## DJANGO - DRF & SELENIUM - PYTEST

- Getting started with Django (About core three files).
- Migrations, Urls, forms, serializers, REST API's.
- Why Testing and Different types of Testing?
- Why Automation Testing and Selenium Suit Components

## HTML, CSS & JAVASCRIPT:

- Works well in creative activities like art, drama, crafts, dance, music or creative writing.
- Has strong artistic abilities.
- Does not enjoy completing highly ordered or repetitive activities.
- Sees self as expressive, original and independent.

## LINUX:

- Introduction to Linux, Basic Commands & Operations.
- File Permissions and Process Management and Package Management.
- Text Editing, Shell Scripting and Networking Basics.

## VERSION CONTROL SYSTEM - GIT:

- What is Version Control?
- Setting Up, Configuring Git, Git Basics, Git Operations and Commands.
- Working with Remotes, Collaborating with Git.
- Advanced Git Features, Undoing Changes, Best Practices and Tips. Practical Exercises and Projects.

## DATABASE:

- Why Data Base, Various types of data types?
- Table Creation, Insert, Update, Delete Data, Select.
- Operations (Where, Group by, Having, Order by).
- Joins, Sub Queries (Inner Query & Outer Query).

# JAVA FULLSTACK

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## CORE JAVA:

- Learning Java fundamentals, including syntax, data types, control structures and object-oriented programming (OOP) principles.
- Exploring advanced topics such as multithreading, exception handling, I/O streams, and generics.
- Understanding key Java APIs and libraries for application development.

## J2EE:

- Setting up J2EE environment & creating web pages with servlets and JSP.
- Handling form data, session management and authentication.
- EJB architecture & types, developing & deploying EJB components.
- Working with JPA entities, relationships and query language (JPQL).
- Integrating JPA with database systems (JDBC, Hibernate).
- Implementing messaging solutions with JMS.
- Implementing security measures in J2EE applications.
- Managing transactions with Java Transaction API (JTA).

## FRAMEWORKS:

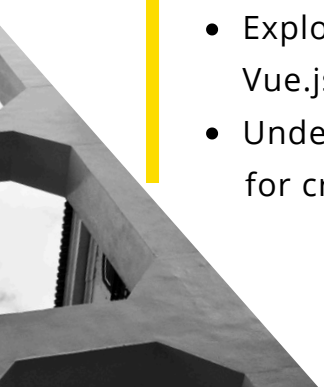
- Overview of Java frameworks & Understanding the MVC architecture.
- Core Spring concepts: IoC, DI, Spring MVC for building web applications, Spring Boot for rapid application development & Spring Data JPA.
- ORM with Hibernate, Configuring Hibernate mappings & associations, Hibernate Query Language (HQL) and Criteria API.
- Building web applications with Struts actions, forms and validation.
- RESTful web services with Spring MVC and Spring Boot.

## WEB SERVICES:

- Fundamentals of web services, including SOAP, REST, and JAX-WS (Java API for XML Web Services) and JAX-RS (Java API for RESTful Web Services).
- Exploring advanced topics such as security, messaging and asynchronous processing.

## WEB TECHNOLOGY:

- Learning the core concepts of web development, including HTML, CSS, JavaScript, and responsive design.
- Exploring frontend frameworks and libraries such as React, Angular, and Vue.js for building modern web applications.
- Understanding backend technologies like Node.js, MongoDB for creating server-side applications.



# LEARNERS

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**PROGRAM DURATION & FORMAT:**

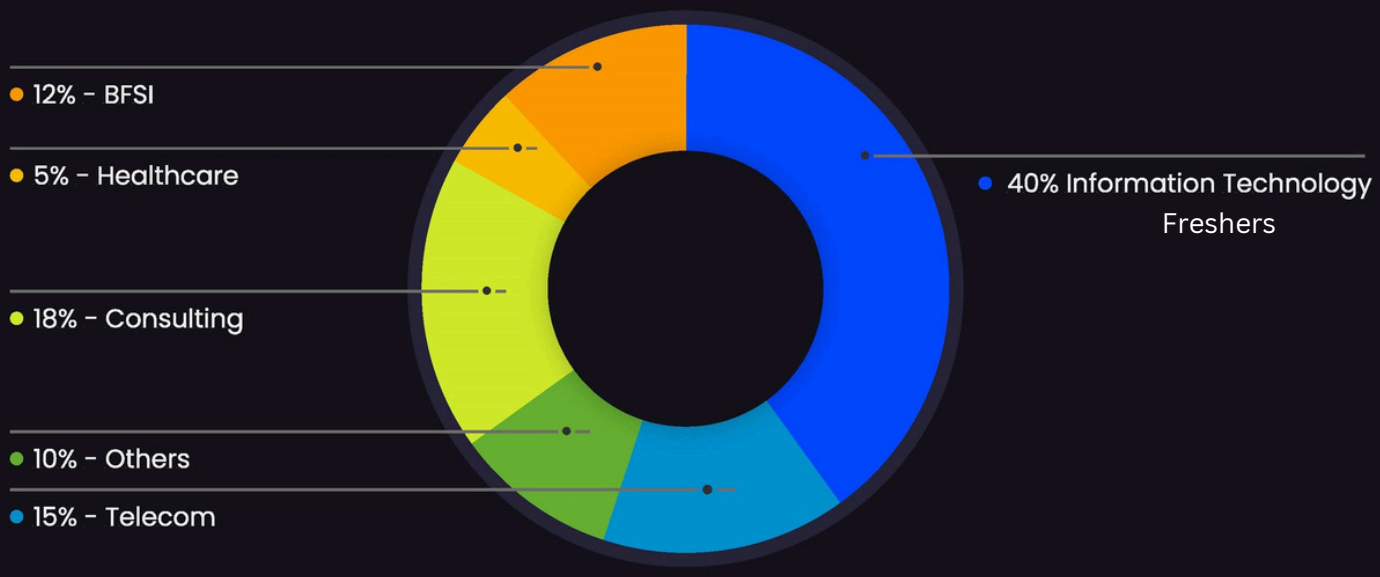
**Three Months | Mon - Sat (Daily 2 Hours) | Offline | Classroom**

**ELIGIBILITY:**

**Freshers - Any Degree & IT / Non IT - Professionals**

## Meet the Batch

### Industries Our Learners Come From




# COURSE PLAN

| Start | Learn | Develop | Goal |
|---|---|---|---|
| Select Course | Start Learning | Ready for Interview | Placement in MNC |

# FLAIR TECHNOLOGIES

FLALR TECHNOLOGIES was founded in 2014 With the mission to provide high quality offline Trainings. Despite facing challenges due to full-time commitments, our enthusiasm for teaching never waned.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**Drop Us A Line**

**+91- 974 974 9596**
**Call Us Now**

**Our Location**
**Bengaluru, India**