

2023

# BE PRACTICAL TECH SOLUTIONS

**HANDBOOK** 









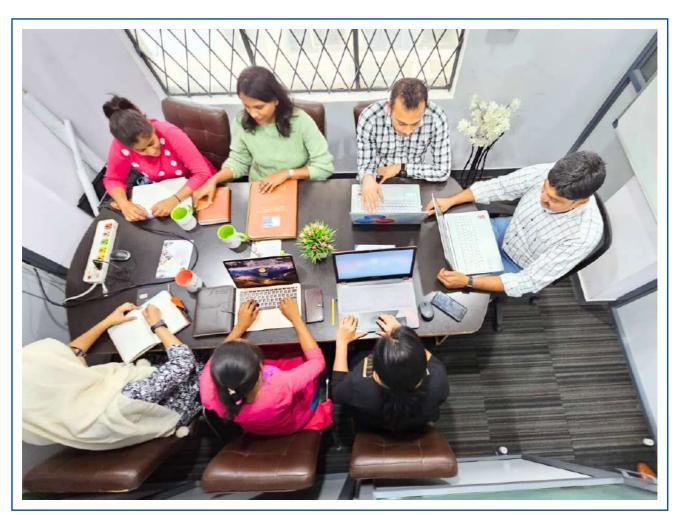




# ABOUT US

Be Practical Tech Solutions is an IT training and services company based in Bangalore, India. The company offers a range of courses and training programs in the field of software development, testing, networking, and digital marketing, among others. Their courses are designed to provide students with practical, hands-on experience with industry-standard tools and technologies.

We are confident that our **Training Institute** can help you achieve your professional goals. Whether you are looking to develop new skills, **enhance your career**, or boost your organization's performance, we have the expertise and resources to help you succeed. Contact us today to learn more about our programs and how we can help you achieve your goals.





# LEARN @ BE PRACTICAL

Be Practical is offering the following trainings on cutting-edge technologies that are recession-proof, based on consultation with industry experts and their own research.

### **FULLSTACK TECHNOLOGY**

- Understanding the concepts of both frontend & backend Technologies
- Working on SQL & NoSQL Databases
- Version control & code review using Git

### **DATA SCIENCE**

- Business Analytics & R Programming Basics, Data Frame & structures
- Data Manipulation, Slicing & Dicing data for deeper insights
- Data Visualization, using Tableau Bar plot, Histograms, Heat Maps.

### **CLOUDOPS**

- Deploying, configuring & monitoring cloud recourses
- Monitoring & troubleshooting issues related to cloud infrastructure
- Automating the software development through CI & CD pipelines.

### **DIGITAL MARKETING**

- Keyword research & Content creation. Off-page & On-page SEO
- Quality of ads & landing pages. Paid Search campaigns/ad running's
- Navigating and sharing digital content.



## MERN STACK **LEARNING PATH**

MERN Stack is a collection of powerful technologies and robust, used to develop scalable master web applications comprising backend, front-end, and database components. It is JavaScript that is used for the faster and easier development of full-stack web applications. MERN Stack is a technology that is a user-friendly full-stack JavaScript framework for building applications and dynamic websites.

## MODULE 1

You will start with HTML, CSS, JavaScript & then move on to learning data structures such as arrays, linked lists & trees.

## MODULE 2

You will deepen your understanding of JavaScript and explore advanced concepts like object-oriented programming, closures, and asynchronous programming.

## MODULE 3 REACT REVOLUTION

You will learn how to build dynamic & interactive web applications using the React library & its ecosystem, including popular tools like Redux & React Router.

## MODULE 4 NODE NATION

You will dive deeper into JavaScript and explore Node.js. You will learn how to create a server using Node.js and how to use it to build web applications

## MODULE 5 MONGODB MASTER

You will start working with MongoDB, create a database & perform CRUD Operations using the MongoDB driver for Node JS. You will also learn about RESTful APIs

## MODULE 6 MERN MARVELS

You will bring everything together & build a full-stack web application using the MERN stack. You will come up with some real time projects, These projects will help to showcase your skills.

## PYTHON **LEARNING PATH**

Python is a versatile all-purpose high-level language which is used for scientific data and other structured as well as unstructured data. A full-stack Python developer has expertise in using the Python suite of languages for all the applications.

## PYTHON - POWER FRONT-END FOUNDATIONS

### Step 01 Step

The front-end technologies used in Python full stack development include HTML, CSS, & JavaScript, along with JavaScript libraries & frameworks such as React.

### FLASK - FRENZY BACK-END

### Step 02

For back-end development, Python has several frameworks such as Django, Flask, which are used to develop the server-side business logic and handle requests from the front-end.

#### PYTHON FULL-STACK FUSION

#### Step 03

Python full stack developer has a strong understanding of frontend and back-end development using Python and its frameworks, as well as knowledge of databases, data analysis, and testing and deployment tools.



# JAVA FULLSTACK **LEARNING PATH**

Java Full-stack developerswill work with full-stack tools and frameworks compatible with Java. Their skills center around core Java and the Java ecosystem. Their expertise lies in working with the complete Java suite of technologies, including web architecture, databases, REST API, and servlets that are required to build websites and apps

**MODULE 1 FRONT-END FOUNDATIONS** 

Java full stack development include HTML, CSS, JavaScript, along with JavaScript frameworks such as React. These technologies are used to create the user interface (UI) and user

experience (UX) of the web

application.

**MODULE 2** 

**SPRING SPRINT JAVA BACK-END JUMP START BONANZA** 

**MODULE 4 FULL-STACK FUSION** 

Bback-end technologies used in Java full stack development include Java Enterprise Edition (Java EE), Spring Boot, and Microservices. technologies are used to create the business logic and data access layers of the web application

**MODULE 3** 

- · Object-oriented programming
- Platform independence
- Variables and data types
- Methods & Exception handling
- Inheritance & Packages
- Polymorphism & Multithreading

Database technologies such as MySQL and MongoDB are also important components of Java full stack development as they are used to store and manage data.

## DATASCIENCE **LEARNING PATH**

### **MODULE 1 FUNDAMENTALS** OF DATA SCIENCE

### • Introduction to Data Science and its **Applications**

- Probability Theory and **Descriptive Statistics**
- · Statistical Inference and **Hypothesis Testing**
- Linear Algebra and its **Applications in Data** Science

#### **MODULE 2**

#### **DATA PRE-PROCESSING & VISUALIZATION**

### Data Pre-processing Techniques and Data Cleaning

- Handling Missing Data and Outliers
- Feature Engineering and Data Transformation
- **Data Visualization Tools** and Techniques using Python or R

### **MODULE 3 MACHINE LEARNING**

#### Supervised Learning Algorithms: Linear Regression and Logistic Regression

- Supervised Learning Algorithms: Decision Trees and Random Forests
- **Unsupervised Learning** Algorithms: Clustering and Dimensionality Reduction

## **ADVANCED TOPICS & CAPSTONE PROJECT**

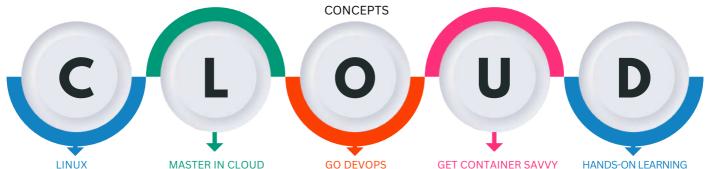
**MODULE 4** 

- Big Data: Distributed Computing and Hadoop
- Spark and Capstone
- Capstone projects require students to identify a problem, gather data, perform exploratory data analysis, develop a data-driven model, and communicate their findings effectively.



## CLOUD-OPS LEARNING PATH

START WITH HARDWARE & NETWORKING UNDERSTANDING THE BASICS COMPONENTS OF SERVER AND NETWORK



Get a solid understanding of Linux by learning its architecture, file system. Familiarize yourself with basic commands for managing files, processes & network connections Focus on mastering AWS. Learn about their services, pricing, & unique features. Develop expertise in cloud architecture patterns, security best practices & design principles.

DevOps is a must for cloud engineers. Learn about automation, CI/CD & IaC to ensure seamless collaboration between development and operations teams. Learn Git, Github, Jenkins, Terraform, Ansible.

Containerization is a game-changer for cloud engineering.
Learn about Docker and container orchestration to manage containerized applications in the cloud.

Practice building and deploying applications in the cloud, managing and monitoring cloud resources and configuring Linux servers.

# DIGITAL MARKETING **LEARNING PATH**

**SEO** 

- Registration of Domain & Hosting.
- Website Creation using Wordpress.
- Plugins
- Keyword research & Content creation.
- Off-page & On-page SEO
- Link Building
- Competitor analysis
- Back-link checkers
- Blogs creations.

**Paid Search** 

Search engines, like Google, Yahoo, and Bing, are some of the best ways for businesses to reach customers online.

- Bidding
- Ad extensions
- Quality of ads & landing pages.
- · Keywords.

**Social Media** 

- Navigating and sharing digital content.
- Responsible online interaction.
- Building an online identity
- Maintaining their digital reputation

Website analysis

- A set of planned actions performed online to reach specific business goals.
- Performing consistent actions at the right time via the most suitable online channels to increase revenue and improve relationships with your audience.



# STRUCTURE OF TRAINING



### Induction

Before the start of training, our HR and Councilors will have meetings for all new students and trainees to go through the training procedure, methodology, and other rules and regulations.



## **Training**

We have different phases of training,

Step 1: Pre-Assessment

Step 2: Conduct online/Offline training

Step 3: Working on Industry related projects

Step 4: Final assessment



## **Live Project**

Be Practical works with industry partners to connect students to real-world projects where they must perform hands-on work, directly assisting them in finding satisfying employment.



### **Evaluation**

Each individual is evaluated not only technically but also on a number of other criteria as part of Be Practical's unique and industry-leading evaluation procedure, and our HR consults with people to develop an improvement programme.



# PLACEMENT ACTIVITIES

### 1. Assesment Test

Be Practical evaluates a person's knowledge, abilities, and personal attributes and rates them on a scale of 1 to 10. To strengthen any weak areas, an individual improvement plan will be discussed and put into action.

## 2. Resume Building

We go through great lengths to create a trainee's profile with the appropriate key words and ensure that profiles have been uploaded in all employment portals. This aids them in obtaining phone calls directly from recruiters.

## 3. Group Discussions

We evaluate students using assessment tests to gauge their knowledge, skills, abilities, and personality traits. Employers frequently utilize these examinations to assess the academic skills of applicants.

### 4. Mock Interviews

Industry experts from our partnered companies conduct technical interviews and share the findings with HR. This directly helps trainee's in preparing for actual interviews and also to understand individual strengths and weaknesses.

## 5. Industry Related Project

Experiential learning that integrates knowledge and theory learned in the classroom with practical application and skills development in a professional setting.





# PLACEMENT **PROGRAMS**



**Working on Live Project** 



**Group Discussion** 



**Guidance for Industry Related Projects** 



**Session from Placed Student** 



**Interview Cracking Tips** 



**Student Presenting their project** 



# COLLABORATION WITH EDUCATIONAL INSTITUTES



























# TRAIN & DEPLOY PROGRAM







# PLACED BY TRAIN & DEPLOY





## VARIOUS SCHOLARSHIP PROGRAM

To help students learn about Front-end Technologies in a practical way, we have launched the Code to Future programme. The possibility for undergraduate students to enter the IT Sector was truly excellent.















## **BE-PRACTICAL ROAD TO SUCCESS**

SCHOLARSHIP PROGRAM

### **Scholarship Benefits**

- Course Worth Rs.50,000: Absolutely free
- √ 100% Guaranteed Placement
- Career Guidance from our Counselor
- One year Validity











CONGRATULATIONS

## **Benefits of Scholarship**

- Course worth Rs 50,000; Absolutely free
- 100% Guaranteed Placements Assistance
- Career Guidance from a Counselor
- One year validity



# PRE-CAREER GUIDANCE PROGRAM FROM TOP MNC'S

# **ONLINE WEBINAR**

Conducted by

## **POLARIS INC**

Interacted with Mr. Shrikanth Rao an IT Expert Sharing his Thoughts and Answered students FAQ's



## **ONLINE WEBINAR**

Conducted by

## **TCS**

Mr. Sathish S G Project Manager at TCS was shared some great insights on the Industry



## **ONLINE WEBINAR**

Conducted by

## SPERIDIAN TECHNOLOGY

Mr. Viswanathan Easwaran, Business HR Partner at Speridian Joined us as a Pre-Guidance hiring partner to our Premium batch.





# **ONLINE WEBINAR**

Conducted by

## **DIGISPRINT**

Mr. Somshekar Desai, Program Manager Joined us as Pre-Guidance hiring partner from DIGISPRINT



## **ONLINE WEBINAR**

Conducted by

## **NETSERVE TECHNOLOGY**

Mr. Sumit Debnath, Program Manager & Swathi, Deputy HR Manager at Netserve, Joined us as Pre-Guidance Hiring Partner from Netserve Technology



# **ONLINE WEBINAR**

Conducted by

## **SMART FOODS SAFE**

Mr. Shivkumar Mythri & Avinash Kumar, Project Manager Joined us as Pre-Guidance hiring partners from Smart Food Safe







# **CORPORATE TRAINING**







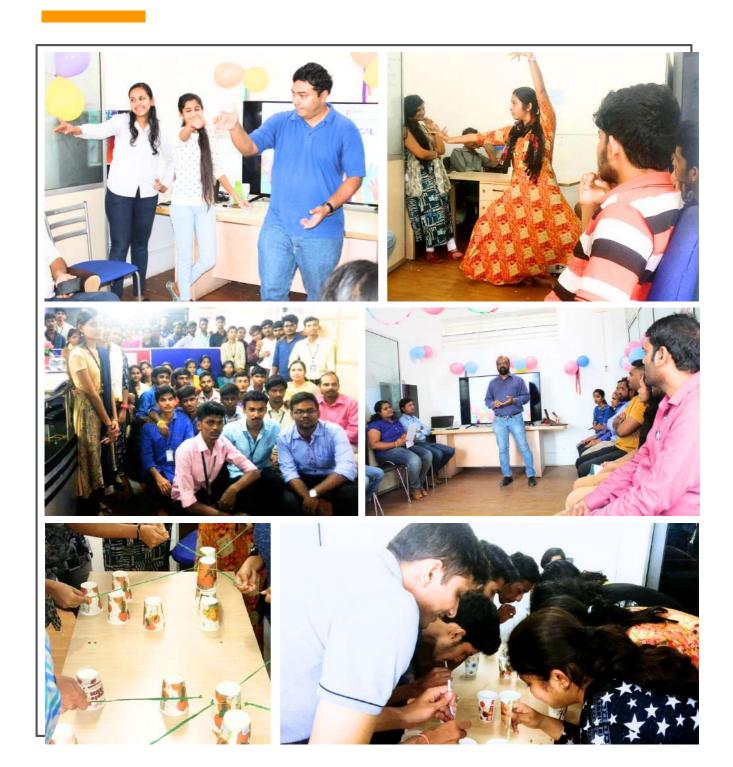




Training program on: Dotnet Fullstack, Java fullstack, Python Fullstack



# FUN AT **BE PRACTICAL**





# OUR **PLACED CANDIDATES**



Palagiri Navyatha Mern Stack Developer Waycool



Kushal BG

Mern StackDeveloper
Waycool



Vinay Rao H

Mern Stack Developer
Waycool



Rama Bhagawat Mern Stack Developer Waycool



Tharini N
Fullstack Developer
DATA Template



Hari Kishann Reddy React JS Developer Speridian



Lakshmi Prasanna Mern Stack Developer Health Singz



Syed Azaan

Mern StackDeveloper
Waycool



Naveen Bendigeri Mern Stack Developer Waycool



Manoj S

Mern Stack Developer

Waycool



Divya

Digital Marketing

Executive



Thanu Kumar Java Developer Estuate



Yash Gupta Mern Stack Developer Waycool



Abhishek Totad

Mern StackDeveloper
VAAP Technologies



Shruthi B S

Mern Stack Developer

Auto Intelli



Gurijala Divya

Mern Stack Developer

Digital Shark



Mohd Azeem Software Engineer Geeksynergy Technologies



Santhosh Kumar V
Operations Associate
TEAL



Kumar Java Developer Estuate



Digital Marketing
Executive
Uipep
Technologies



Nagraj Java Developer Estuate



Jaykrushna Das React Js Developer Speridian



Rohith Nair AV
Operations Associate
TEAL



Kummara Prinyanka Software Developer Agile IDC



# OUR **PLACED CANDIDATES**



# RECENTLY PLACED





# PARTNERED COMPANIES















































































































# PARTNERED COMPANIES









































































































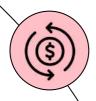


# CHOOSE YOUR BATCH

Features	Standard	Elite
Placement Assistance	5+2	unlimited
DSA		<b>✓</b>
DSA (Exclusive Problems)	×	
Softskills		<b>✓</b>
Internship	×	
Placement Ready Program		
Job Guaranteed	×	
Refund	×	If not placed (50% of course fee)
Add-On's	×	(AWS, DevOps tools(Jenkins, Git) Starting with Python)



# FULLSTACK ELITE PROGRAM



### Refund

If not placed 50% of the Course fee will be Refunded.



# DSA & DSA (Exclusive Problems)

Will be provided.





### **Softskills**

Soft skills refer to the personal attributes and qualities that enable effective communication.



## Internship

Internship is a short-term work experience that provides practical training and exposure.



### **Placement Assistance**

Unlimited Interview's



### **Add Ons**

AWS Basics, DevOps tools, Jenkins, Git (Starting with Python)



# STUDENT REVIEWS



\*\*\*\*

## **Arjun**

Well trained trainers having vast knowledge about the topics i had opted MEARN stack and I got placed before the course gets completed Thanks to Ganesh sir and Javed sir for supporting me and i would like to thank Aliya mam and Kavitha mam for supporting for placements.





Very good environment for freshers you Can start your career and also the HR mam is very humble and helpful And she always conscious about your placement. thanks to kavitha mam Great institute



\*\*\*\* **Ariun Anand** 

I have been looking for a dress for a long time. It fits well and it is very cute. I fell in love with it when I first saw it in the catalog. I am so glad to have found it!



**Bijoy Kumar Gupta** 

Its a good institute. They are helping us to get the job and giving carrer guidance. HR Kavita mam guided us with good opportunities and helped in getting placed. Thanks to BE Practical



\*\*\* Sumit chouhan

I am 2022 passout student from.mca branch I had enrolled for MERN stack in be-practical. Now I got placement from Be practical. I am thankfull to my trainers ganesh sir, javed sir, HR kavita maam, chetan sir and asha maam



\*\*\* Gandla lakshmiprasanna

BE graduate passed out in the 2019, then I have tried government jobs not through, so I decided to get into the development and Be practicle helped me in placement got placed in health singz as a software developer with satisfying package of 3lpa, thanks hr and Be practical team.



\*\*\* **Pradeep Michel** 

I am not sure but I have so much confidence that I will get job becoz I have joined in this past 15 days back but the teaching level is very properly. Javeed sir is very well knowledge and he teaches very well & any doubt he will explain. So I can recommend this you can join and you will get succeed definitely



Lavi

Institute is good. Management is doing good work they always take responsibility of student nicely specially HR kavitha ma'am. Thank you so much kavitha mam.



\*\*\* **Pujari Naresh** 

"I recently completed a MERN FULL STACK at this institute and I can confidently say that it was a great experience. The faculty members were knowledgeable, approachable, and supportive, which helped me to succeed academically and professionally.



\*\*\*\* Rakshitha B R

I have taken a course of digital marketing at Be practical and very satisfied with the way of their teaching and their comfortable nature and I am getting useful knowledge from this thank you Be practical



\*\*\* Pooja Siddu

I had a great time doing this Software Testing course. Thank you for all the assistance and specially Namitha mam well teached and made easy for the student to understand, it has been delightful and very gratifying.



**Ajay BE** 

I was a 2016 Diploma passout and was doing some job, then i thought to restart as a software developer then i enrolled for MERN stack in Bepractical and learnt programming. Now I got a job as SAP developer through Be-practical. Thank you.



\*\*\*\* **Prabin Rakshit** 

I was a 2019 MCA passout and was doing job that was not a proper code based and I wanted to get into Front end development. Later I joined Be-Practical for MERN stack and learnt the necessary skills. Then I got a job offer through Be-Practical as a Junior Developer. Thank You.



\*\*\*\* Archa Baipai

I visited Be Practical as a part of my industrial visit and I must say that the ambience was commendable and the staff were well mannered. Everything was upto the expectations and we got to learn a lot about their work culture. Everyone must visit Be Practical if they want to enhance their career.

# STUDENT REVIEWS



★★★★ Raghavendra R

One of the best training center and placement service in Bangalore and HR will assist you very well in placement thank you very much be practical . and the trainers are very knowledgeable



★★★★★
Sreenivas Madala

Joined Be-Practical Tech Solutions for MERN full stack Course in order to restart my career. I am BCA graduate 2013 passed out. Thanks to Ganesh sir Special thanks to Harish sir and Aasha mam for giving support to get placed in Waycool Censanext..



★★★★★

I am a Graduate,2021 passout, i joined bepractical for MERN stack course and i got placed in waycool.Thanks for the supports from Be practical.



★ ★ ★ ★ ★ Shivakumar Sarthi

I am from ECE background passed out in 2021 batch I planned to shift my career into software domain and i joined Be-Practical tech solutions. I went 5 months internship training for waycool and i placed job in waycool wit 4.5LPA high package.



★★★★★
Sachin dwd

The great place for executing skills,
The collegus are more friendly and helps in
critical and deficult situation. the environment of
the office is peace & prospectus ...hard to leave



★★★★★
Kiran Vki

,i went 5 months internship training for waycool and i placed job in waycool with some decent package.I would like to thank my trainer Javed sir and Ganesh sir for their continuous support.I would suggest Be-Practical for all the freshers and people who is looking for software domain.



★★★★★ Vinod kumar gowd Hothuru

Hi, I am vinod basically iam from Mechanical stream after BTech I don't know what to do my friend suggested me to go software side then I started reasearch about best institutions later on I get to know about this institute.



★★★★★
Dhinakaran

after successful completion of my course I got trainee engineer in Be Practical for period of 5 months at the end of training period I got selected in WayCool with a good package and faculties



★★★★ Karthik P

I'm interested to learn and work in AWS aspect.So I got to know that Be practical tech solutions is providing cloud computing course and i opted it a couple of months ago.Training was excellent with good interaction. supportive and clearing as many as doubts.



★★★★★ Rohit Nair

My name is Rohit. I've studied bba and passed out in 2021. I've been placed to Teal as an Executive Associate. The Faculty who had taught me (Ganesh sir) had made me well acquainted with the topics even if I was from non technical background . Thank you so much Team Be-Practical.



Deepika Sreeramaiah

I took 3 months of digital marketing course in Be Practical Solution and must say that it helped me a lot. I sincerely thank Chandini mam for her training and the entire team to be so helpful.



★★★★ Rashmi Kulkarni

I passed out in 2017 in MSc Computer science branch and had 3 years of gap in career and I worked as Lecturer. Be practical solution helped me to get hired in IT Company on .net technology.



★ ★ ★ ★ ★ Sachin Javalagi

I am a mechanical engineer, i was new to IT and be-practicals is an institution where anyone can learn coding. They start from the scratch, the teachers are very friendly and are available anytime



★★★★★ Archa Baipai

I'm an civil engineer by graduate & always wanted to Join MERN it was my favorite tech stack & I used to learn those technologies from different free resources & I was cluttered with the amount of free content available & it was so difficult to follow. & I got to know that BE-Practical Tech Solutions team has providing quality and structured training on latest technologies



# **THANK YOU**





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Website



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