



Be a Job Ready
IT Professional

JOB ORIENTED ADVANCED DIPLOMA COURSES



PROFOUND Edutech Private Limited

www.ProfoundEdutech.com

ABOUT PROFOUND

Profound provides services in the area of IT training, Consulting, Staffing and Software Development to clients globally.

Profound is the company driven by the agenda to equip students with the right mix of sound understanding of the fundamentals and a good understanding of the newest in Information Technologies, thereby increasing their Employability Quotient.

Profound aims of bringing students, educational institutions and corporate closer through academic partnerships, corporate alliances and student placement fairs.

WHY PROFOUND?

- Expertise in Profound Education, Staffing and Consulting Services
- Truly Quality Education and Focus on Customer Satisfaction
- Course Curriculum Endorsed by IT Industry & Professionals.
- Certified & Industry Experienced Pool of Trainers
- Conveniently located campus, well-equipped Computer labs
- Network with 2000+ leading IT Companies across Globe
- Dedicated Placement Cell for Strong Placement Support

FRESHER EMPLOYMENT CENTER (FEC)

As a part of the Corporate Social Responsibility, Profound has established Freshers' Employment Center, a platform that will ensure a win-win situation for freshers and recruiters alike. It will be an organized effort for freshers seeking employment and companies seeking recruits. Freshers can enroll with FEC and would be provided orientation and kept posted about opportunities at no cost. So also, companies can register with FEC to hire fresh talent that has been screened by Profound based on the projected requirements.

Desired Qualification : BE | Btech | MCA | MCS | MSc | BCA | BSc | BCS | MBA etc.

Highlights :

- 100% Free Job Assistance
- 10,000+ Interview calls in last 6 months
- Placement with 2,000+ clients
- Free Job Alerts & Technology updates
- Free Trainings by Experts and many more ...

To register visit : www.ProfoundEdutech.com

TRAINING FEATURES

JOB ORIENTED DIPLOMA COURSES

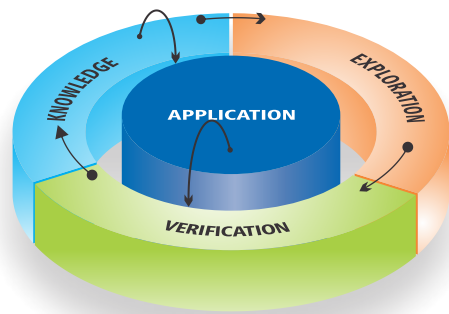
For graduates awaiting their first job opportunity or those in between jobs, we offer training in targeted areas to keep them updated and employment ready. These job oriented programs are designed as a complete package that takes care of their fundamentals to give a rock solid foundation, provides expertise in a specific technology track, imparts aptitude and soft skills training, assigns project work, and most importantly, makes available good opportunities for placements.

Following are the key features of our training program that are intentionally designed to make the training more effective and meaningful.

- Alignment of Efforts with Objective :
All components of our training are carefully crafted to achieve the Industry expectations precisely, related not just to technological understanding but for soft skills and aptitude trainings as well. To match the high standards of performance in IT industry, one must be at the best of motivation level. We address this aspect through our motivational sessions.
- Absolute Clarity about Core Fundamentals :
Software technologies are quite fluid. They evolve continuously in pursuit of excellence and flexibility. This leads to multiple frameworks, libraries, versions, plugins on all platforms for all technologies. This results into a chaos of technological jargon and buzzwords in everyone's mind.
We firmly believe that all such latest technologies can be understood very easily if one is absolutely clear on the fundamental concepts of the technology and the need for its further extensions. We insist on this approach through years of our own experience with software and training industry as well as through interactions with hundreds of top notch companies and senior industry experts.
We endeavor to eliminate the hype, fear and chaos and establish order, profoundness and peace about the Knowledge base needed for IT professionals at all levels.
- Simplicity without Losing Substance :
Computer science and software technologies, not being a natural science, is inherently simple. Things are pretty obvious if you understand the way they have evolved and the requirement they try to cater to. We treat knowledge as a journey from "Known" to "Yet Unknown", driven by need and channelized by constraints. We confidently assert that this simplicity is not at the cost of depth of knowledge. We definitely stand by the word "Profound".

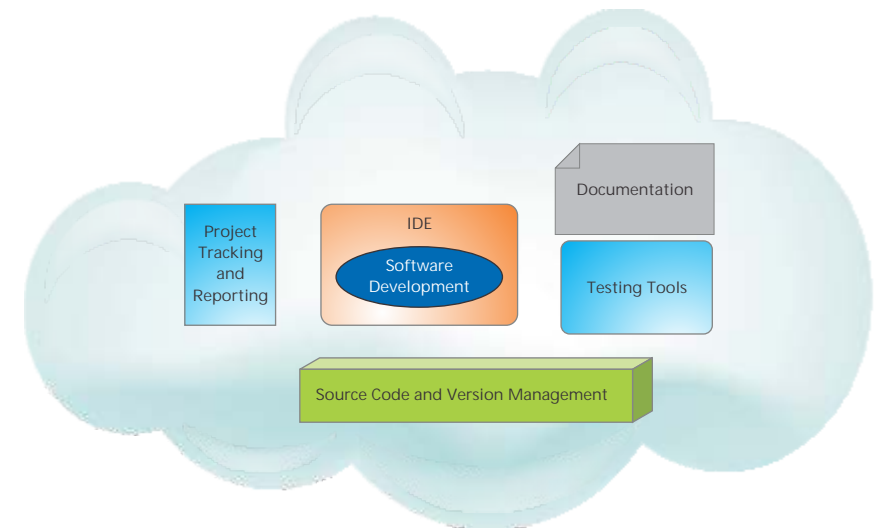
TRAINING FEATURES

- Know the Complete Canvas before you Start :
Though very important , software development is just a part of the entire software engineering process. Other aspects like requirement gathering, requirement analysis, software design and basic system testing are also equally important. Our training focuses mainly on the development part of the process but without being oblivious to other aspects. We first provide the entire view, followed by the precise role participants are expected to play at their present level in the industry.
- Incremental Learning :
Every technology has a pre-requisite. Many times, as a result of technology glamour, one tends to jump directly to the 'HOT' technology of the day without fulfilling the pre-requisites that are essential to its complete understanding. This may lead to a 'jump-start' but eventually results into 'crash-landing' of one's career. We design our trainings in a way that ensures each pre-requisite to be met before starting a new one. We call this as "Incremental Learning".
- Training Life Cycle: Knowledge, Application, Exploration, Verification :
Training is not just transfer of knowledge. One should apply it practically to be confident about its application scenarios in real life. We ensure this through a rich set of assignments and projects to be developed by the participants. Considering the infinite knowledge base, we inculcate the culture of need based exploration, through extra self-learning that should be done by the participants on their own. We do mentor them in this exploration efforts. To ensure that the training objectives are met, we evaluate the participants through different examinations that are scheduled with appropriate frequency. Corrective actions like revision sessions, personal guidance may be provided, if needed. Through this training life cycle, we ensure that we don't just broad-cast the information, we ensure that it has added the expected value in the participants.



TRAINING FEATURES

- Understand the Entire Ecosystem of Software Development :
Software development process needs integration of various tools, methodologies and practices to meet various challenges on the front of processes, people, failure recovery, security, quality and client requirements. A complete software professional should be familiar with other aspects like requirement documentation, software design, Latest Integrated Development Environments to boost productivity, testing tools, source code and version management systems, project tracking tools etc. Understanding only few pieces in isolation makes deadline driven project work very annoying and frustrating. We familiarize our participants with this ecosystem of software development process.



- Involvement of all Stake Holders :
Candidate enrolled for a course is just one stake holder in the training activity. There are few other important stake holders that are directly or indirectly concerned with it. For the software industry, the candidate is their future potential intellectual asset. Parents don't just invest their money in education, they invest their 'hope' for a better and stable career for their ward. We respect and acknowledge these stake holders by involving them through a bilateral dialogue in the trainings proceedings.

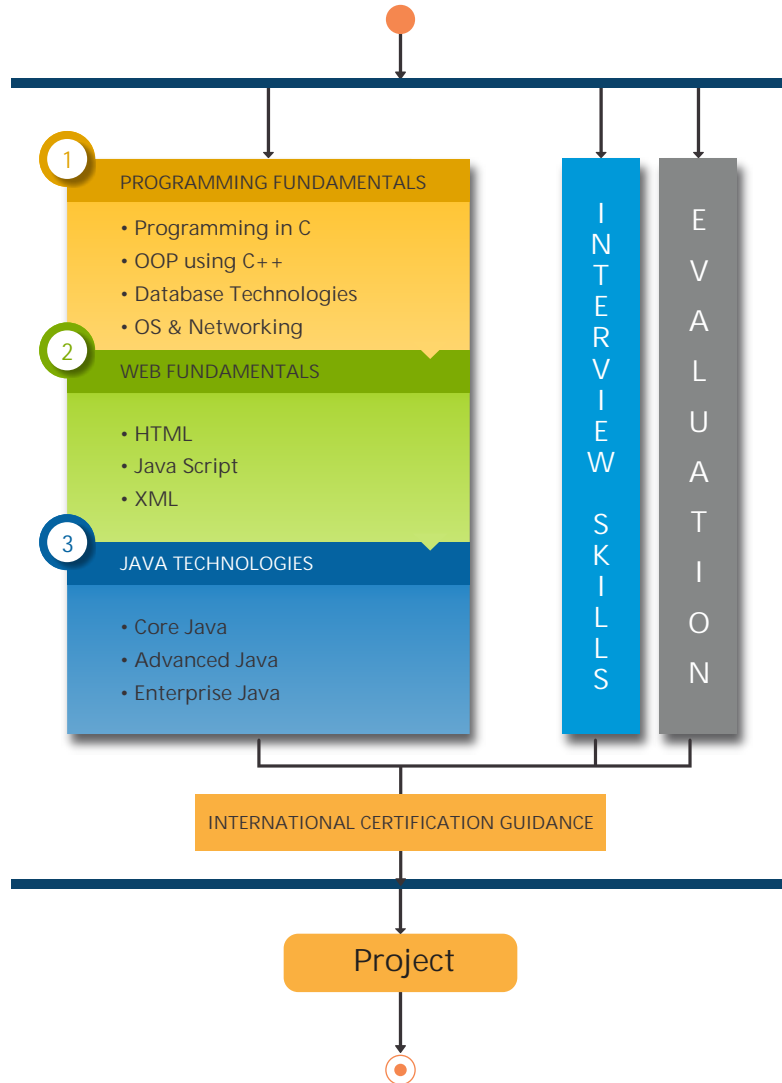
DURATION : 3.5 Months

ELIGIBILITY : BE | BTech | MCA | MCS | MCM | MSc | BCA | BCS | BSc etc

PRE-REQUISITES :

- Basic Knowledge of C Programming.

COURSE OVERVIEW :



1 PROGRAMMING FUNDAMENTALS

Programming in C

- Introduction to Programming
- Data Types, Operators
- Compilation, Linking, Execution, Debugging
- Integrated Development Environment
- Console Input and Output
- Control Structures
- Functions
- Pointers
- Storage classes, Dynamic Memory allocation
- Arrays, Strings
- File IO
- Structures and Unions
- Command Line arguments
- Macros

C++

- Concepts of Object Oriented Programming
- Class and Object
- C++ as a better C
- Operator Overloading
- Inheritance
- Polymorphism
- File IO
- Exception Handling
- RTTI, Type Casting
- Templates
- Namespaces
- Standard Template Library

Database Fundamentals & SQL

- Database fundamentals, Normalization
- SQL / PL-SQL
- Stored Procedure, Function
- Triggers, Indexes, Clusters

Introduction to OS & Networking

- Overview of Operating System
- Concept of Process and Thread
- Memory Management
- Network Basics
- Classification of Networks
- Network Topologies
- Network Communication and Protocols
- TCP/IP fundamentals

2 WEB FUNDAMENTALS

HTML

- HTML Basics: Structure, Elements and Attributes
- Various Input fields in html
- Tables, Frames, Lists, Layouts
- Fonts, Colors
- Images, Audio, Videos
- HTML Forms
- Cascading Style Sheet

Java Script

- Java Script Language basics
- Variables, Data Types, Functions, Operators
- Control flow using conditional and Iterative statements
- Managing HTML DOM and Events
- Java Script Objects
- Window Management using Java Script

XML

- XML Basics: Structure, Elements and Attributes
- XML Schema, DTD
- XML Editors: Using Altova XML Spy
- XML DOM, Parsers
- Validation of XML
- XML CSS and XSLT
- XML Namespaces
- XML HTTP Request Object

3 JAVA TECHNOLOGIES

Core Java

- Installation and settings of Java
- JDK, JVM, Classpath etc
- Packages, Eclipse IDE
- OOP in Java
- Inheritance and Polymorphism
- Interfaces
- Exception Handling
- Generics and Collections
- Multi-threading
- Thread Synchronization
- Java Util, Wrapper Classes
- RMI
- Swing
- Applet
- Annotations
- Input and Output management
- Managing Files and Directories
- Networking programming
- JDBC
- Handling Transactions

Advanced Java

- Servlet Basics, Servlet life cycle
- Servlet Deployment , Web.xml file
- ServletContext and ServletConfig
- Include, Forward, sendRedirect
- Session and State management
- Page, Request, Session and Application Scopes
- Java Beans
- Advanced JDBC concepts
- JSP: Different elements, Life Cycle
- JSTL, Expression Languages, Custom Tags
- Using Glassfish: Installation and Deployment
- MVC Architecture
- Strut Framework
- Hibernate
- JNDI, JMS
- EJB : Session, Entity and Message driven beans

Enterprise Java

- Strut MVC Framework
- ORM using Hibernate
- JNDI, JMS on Glassfish server
- Understanding EJB
- Implementing Session, Entity and Message driven beans
- Java Persistent API (JPA)
- Concept and application of Web Services
- Fundamentals of Spring Framework
- Inversion of Control (IOC) container
- Aspect Oriented Programming
- Spring MVC
- Spring JDBC
- Transaction Management

4 INTERVIEW SKILLS

- Interview Techniques
- Frequently Asked Questions
- Group Discussion
- Resume Writing
- Mock Test Based on MNC Test Pattern

5 EVALUATION

- Technical Assignments
- Technical Test
- Technical Interview

6 INTERNATIONAL CERTIFICATION

- Guidance for International Certification

7 PROJECT

- Design
- Development

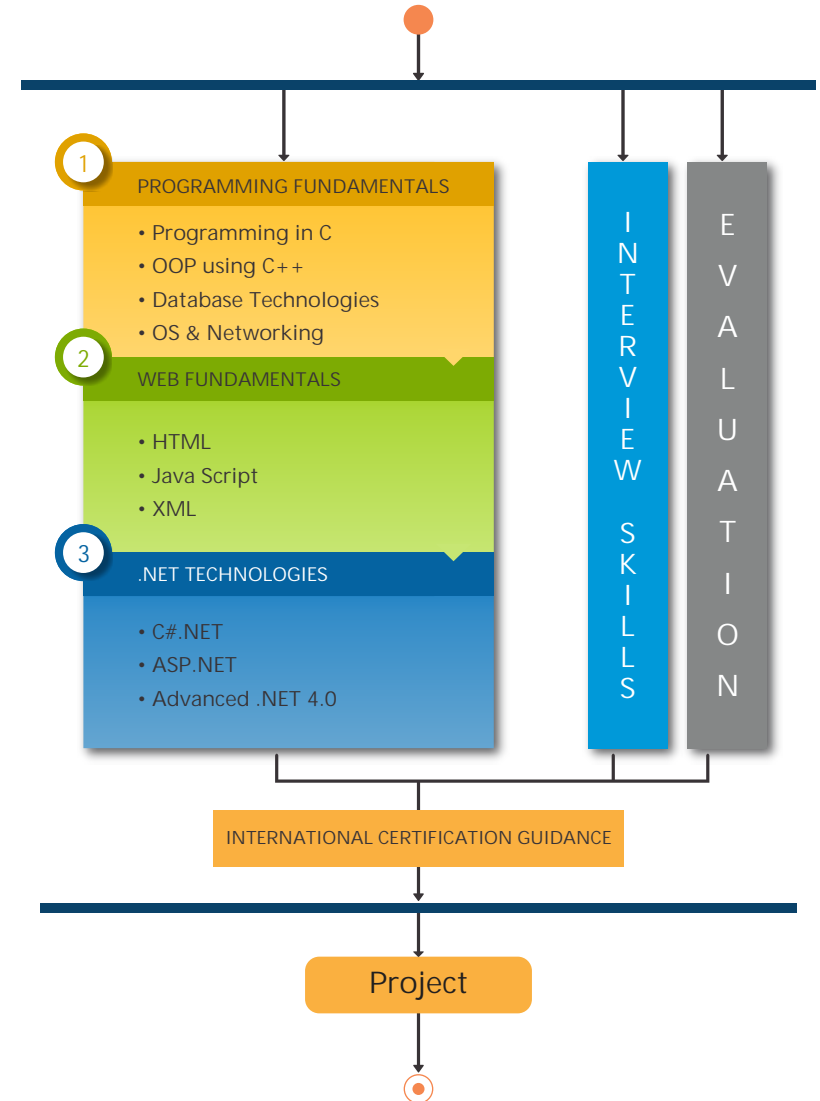
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3 .NET TECHNOLOGIES

Programming .NET using C#

- Introduction to .Net Framework
- Using Visual Studio 2010
- OOP : Class, Object
- Inheritance, Polymorphism
- Interfaces
- Properties
- Indexers
- Exception Handling
- Generics and Collections
- Events and Delegates
- File IO and Serialization
- Reflection
- Attributes : Standard and Custom
- WinForms Application
- Custom controls
- ADO.NET : Connected/Disconnected Architecture
- Data Binding and data bound controls
- Handling XML
- Multi-Threading
- Thread Synchronization
- COM Interoperability
- Deployment of .Net applications
- Windows Services
- Remoting
- Web Services
- Introduction to WCF, WPF & WF

ASP.NET

- Introduction to Asp .NET
- Page Life Cycle
- Using IIS server, Creating virtual directories
- Asp .NET Web server Controls, Validation controls
- Custom Controls, User Controls
- Page Designing: Master pages, Skins, Themes, CSS
- Session and State management
- Caching: Page level, Partial caching
- Site Navigation and Personalization
- Data Binding and Ado. Net

- Debugging, tracing and error handling
- Language Integrated Queries (LINQ)
- Web administration
- Security: Membership, Roles, Permissions
- WCF
- Concept of AJAX
- Deployment of web application

Advanced .NET 4.0

- Web-services: Concept and Implementation
- Concept of Ajax, .NET Ajax Toolkit
- Using Silverlight
- Windows Presentation Foundation
- Windows Communication Foundation
- Workflow Foundation
- Introduction to Microsoft SharePoint

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ADOT - ADVANCED DIPLOMA IN OPEN SOURCE TECHNOLOGIES

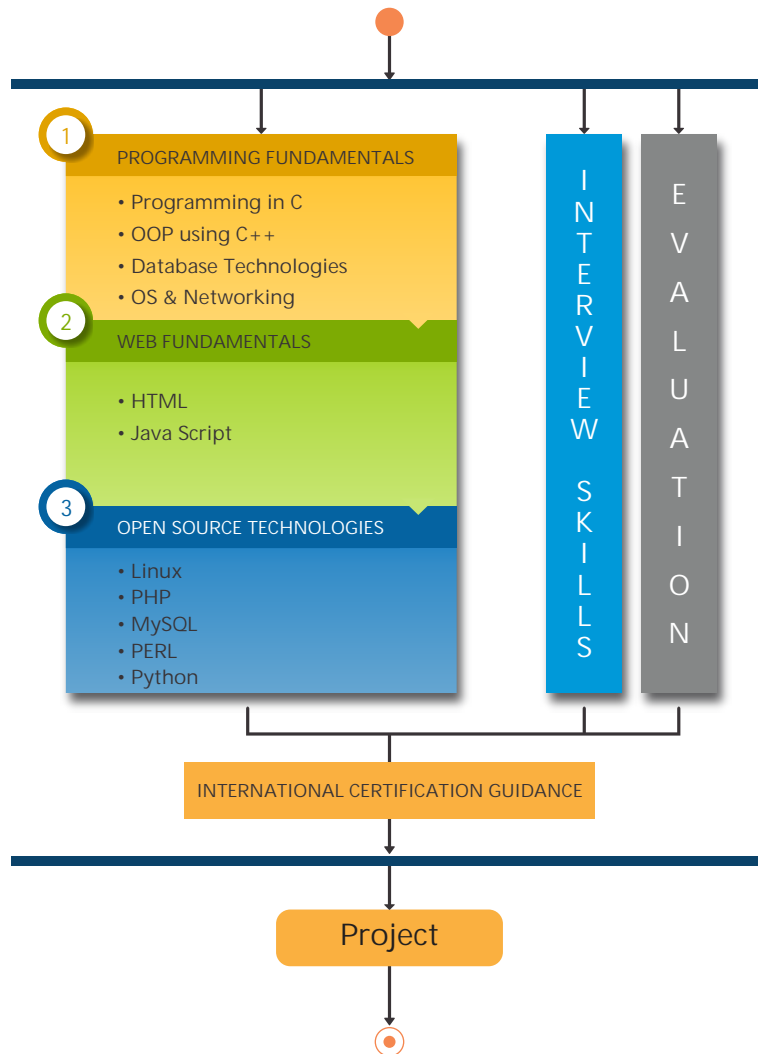
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3 OPEN SOURCE TECHNOLOGIES

Linux

- Introduction to Linux
- The Linux File System
- Getting Started to Linux
- Basic Commands
- Pipes and Filters
- Using vi Editor
- Linux Shell Programming
- Process, Signals
- Semaphore and Mutex
- Inter-process Communication
- POSIX Threads

PHP

- Basics of PHP
- Using Web Forms
- Data Validation
- Session and State management
- User Identification
- Working with Databases
- Handling XML
- File Handling
- Sending Emails
- Regular Expressions
- AJAX using PHP

MySQL

- Installation and Administration
- Connection to MySQL
- MySQL Data types
- Creating database and Tables
- Select, Insert, Update, Delete
- MySQL Regular Expression
- Joins
- Transactions
- Indexes and Sequences

PERL

- Installation and Setting
- Perl Variables, scalars
- Arrays and Hashes
- Control flow statements
- Perl File IO

- Subroutines
- Regular Expressions
- Object Oriented Perl

Python

- Installation and Setting
- Understanding Python environment
- Python Data types
- Basic Operators and Control Structures
- Collection classes
- File IO using Python
- Handling Exceptions
- CGI Programming
- Handling Databases

4 INTERVIEW SKILLS

- Interview Techniques
- Frequently Asked Questions
- Group Discussion
- Resume Writing
- Mock Test Based on MNC Test Pattern

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- Technical Assignments
- Technical Test
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- Design
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We also provide short term skill enhancement courses in Software Technologies and Soft Skills to individuals such as students, job seekers and working professionals.

Following are the focal points of the short term courses :

Courses Offered :

- | | | |
|-------------------|-------------------|---------------------|
| • C programming | • Java Script | • C# |
| • C++ | • XML | • ASP.NET |
| • Data Structures | • Core Java | • Advanced .NET 4.0 |
| • Oracle | • Advanced Java | • PHP |
| • HTML | • Enterprise Java | • Android |

ELIGIBILITY :

BE | BTech | MCA | MCS | MCM | MSc | BCA | BCS | BSc etc

PRE-REQUISITES :

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DST - DIPLOMA IN SOFTWARE TESTING

- Duration : 1.5 Months

DJT - DIPLOMA IN JAVA TECHNOLOGIES

- Duration : 2 Months

DNT - DIPLOMA IN .NET TECHNOLOGIES

- Duration : 2 Months

We have a dedicated placement team of experienced members for providing 100% Job Assistance with 2000+ leading IT companies like Capgemini, TCS, Wipro across India. This is available free of cost to all qualified students of profound.

Apart from arranging daily campus interviews, Profound will arrange 3-4 Mega Placement Job Fairs every year wherein leading IT companies will conduct campus interviews for the qualified and eligible students.

We also conduct placement workshops so as to prepare the students to face the campus placement cycle of aptitude test, GD, Interviews etc thereby helping them increasing their Employability Quotient.

RECRUITERS

Following is the partial list of companies those who recruit Trained Freshers.

- Accenture
 - ADP
 - Amdocs
 - ATOS
 - Aurus Tech
 - Barclays
 - Bitwise
 - BlueStar
 - Calsoft
 - Capgemini
 - Cognizant
 - Collabera
 - Compassities
 - Crest
 - Datamato
 - Deloitte
 - DriveEdge
 - Educe
 - EON Hewitt
 - Eternus
 - Ezest
 - Fildeltech
 - Fiserv
 - Fujitsu
 - Futurism
 - GradMener
 - Harbinger
 - HCL
 - Hexaware
 - Hitachi
 - HSBC
 - Impetus
 - Infobeans
 - Infostretch
 - Infosys
 - Infracsoft
 - KnightFrank
 - KPIT
 - Cummins
 - L&T Infotech
 - Lumedx
 - Mastek
 - Merce
 - Microland
 - Mindcraft
 - MindTree
 - Mithi
 - Mphasis
 - Opus
 - Persistent
 - Polaris
 - Prototech
 - QED
 - QualityKiosk
 - QuickHeal
 - R-systems
 - Saama
 - Sears
 - SmartCloud
 - Spiderlogic
 - Synechron
 - Syntel
 - TechMahindra
 - Tibco
 - Verchaska
 - WDC
 - Webtech
 - Wipro
 - WNS
 - Xento
 - Yardi
 - Zensar
 - ZS Associates
- And many more....



PROFOUND Edutech Private Limited

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