



thinkcloudly
Upscale your career in IT



SQL Certification Training Course

★ Trustpilot
4.9 ★★★★★

FaceBook
5.0 ★★★★★

Google
4.8 ★★★★★

CONTENT

SQL Certification Training Course	03
Why SQL?	03
Tools We Learn	04
key Features	04
Course Curriculum	05
SQL Course Learnings	09
What Roles You Can Play?	09
Certification	10
Our Alumni Work At	10
Our Students Lifecycle	11
Who Can Apply For Us?	11
What Make Us Unique?	12
Our Career Services	12
How To Enroll With Us?	13
Our Other Paid Services	14
What Our Students Say ?	15
About Us & Our Mission	16
Contact Us	17

SQL Certification Training Course

Welcome to our SQL Certification Training Course, where you'll embark on a comprehensive journey to master the art of SQL. Whether you're completely new or have some database experience, this course is designed to cater to all skill levels. Guided by seasoned industry professionals, you'll not only gain a deep understanding of SQL but also develop the practical skills needed to excel in the world of relational databases. By the end of this course, you'll be fully equipped to tackle real-world data challenges with confidence and earn a sought-after certification that will set you on the path to a rewarding career in data management.



Why SQL ?



1 million
Jobs Worldwide



39.1 Billion
expected market growth
by 2026

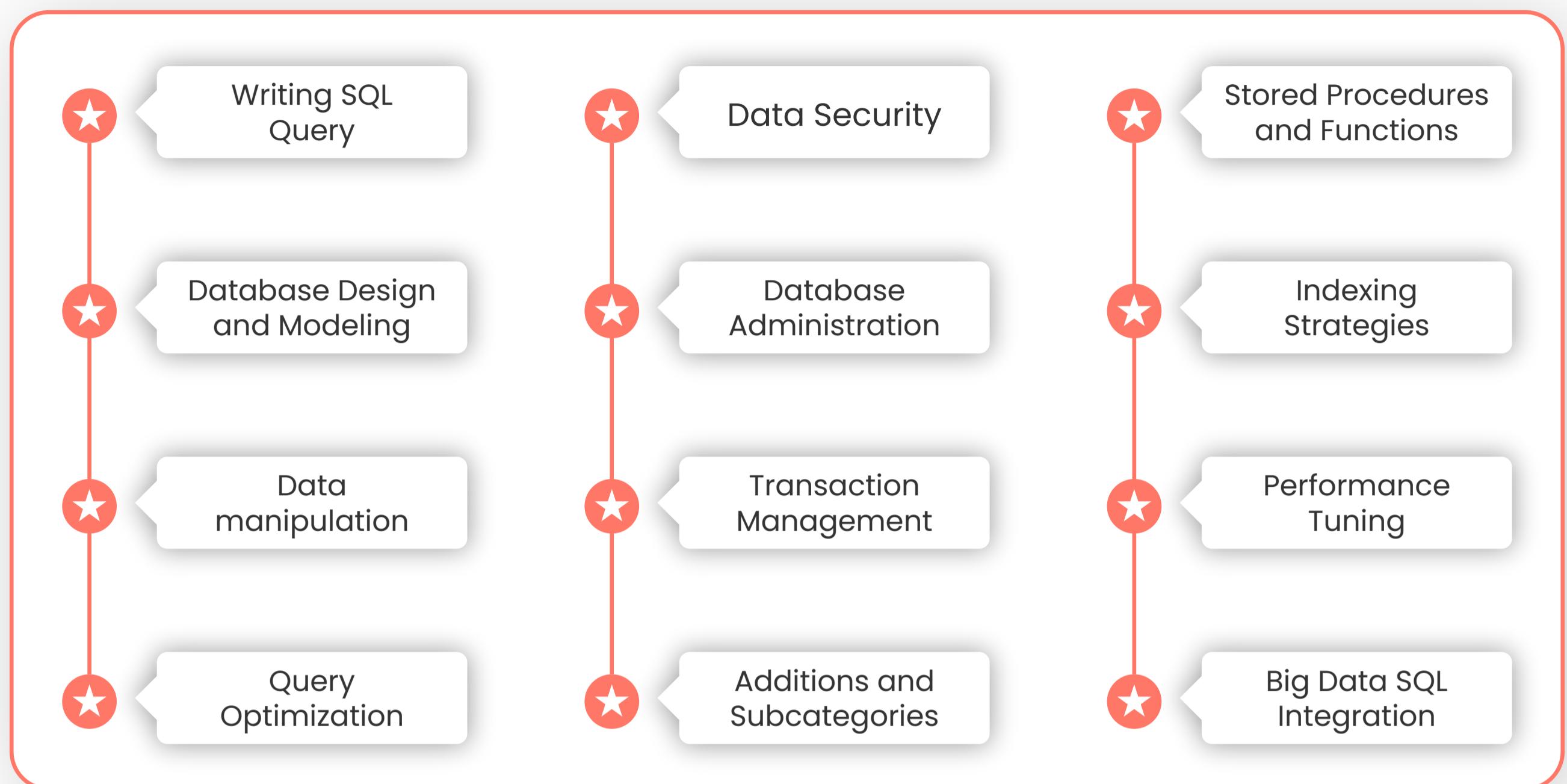


8%
average annual growth



\$1,25,000
average annual salary of an
SQL expert

Skills you will gain



key features

Master 35+ SQL Skills:
Acquire a comprehensive skill set in SQL from industry experts.

Hands-On Labs SQL Platform:
Master SQL skills with hands-on lab, Practices and Troubleshooting.

Guaranteed Certificate Assistance:
Receive full support to obtain certifications with a 100% assistance commitment.

Interactive Learning with 25+ Quizzes:
Reinforce your understanding through 25+ quizzes on various SQL.

The Complete SQL Course

Module 01

Introduction to SQL

Topics:

- ⌚ Various types of databases
- ⌚ Introduction to structured Query Language
- ⌚ Distinction between client server and file server databases
- ⌚ Understanding SQL server management studio
- ⌚ SQL Table basics
- ⌚ Data types and functions
- ⌚ Transaction-SQL
- ⌚ Authentication for windows
- ⌚ Data control language
- ⌚ The identification of the keywords in T-SQL, such as Drop Table

Module 03

SQL Operators

Topics:

- ⌚ Introduction to relational databases
- ⌚ Fundamental concepts of relational rows, tables, and columns
- ⌚ Several operators (such as logical and relational), constraints, domains, indexes, stored procedures, primary and foreign keys
- ⌚ Understanding group functions
- ⌚ The unique key

Module 04

Working with SQL: Join, Tables, and Variables

Topics:

Database normalization and entity relationship model

Topics:

- ⌚ Entity- Relationship model
- ⌚ Entity and entity set
- ⌚ Attributes and types of attributes
- ⌚ Entity sets
- ⌚ Relationship sets
- ⌚ Degree of relationship
- ⌚ Mapping cardinalities, one-to-one, one-to-many, many-to-many, many-to-one
- ⌚ Symbols used in E-R notation

- ⌚ Advanced concepts of SQL tables

- ⌚ SQL functions

- ⌚ Operators & Queries

- ⌚ Table creation

- ⌚ Data retrieval from tables

- ⌚ Combining rows from tables using inner, outer, cross and self joins

- ⌚ Deploying operators such as 'intersect', 'except', 'union'

- ⌚ Temporary table creation

- ⌚ Set operator rules

- ⌚ Table variables

The Complete SQL Course

Module 05

Deep Dive into SQL Functions

Topics:

- ⌚ Understanding SQL functions—what do they do?
- ⌚ Scalar functions
- ⌚ Aggregate functions
- ⌚ Functions that can be used on different datasets, such as numbers, characters, strings, and dates
- ⌚ Inline SQL functions
- ⌚ General functions
- ⌚ Duplicate functions

Module 07

SQL Views, Functions, and Stored Procedures

Topics:

- ⌚ Learning SQL Views
- ⌚ Methods of creating, using, altering, renaming, dropping and modifying views
- ⌚ Understanding stored procedures and their key benefits
- ⌚ Working with stored procedures
- ⌚ Studying user-defined functions
- ⌚ Error handling

Module 06

Working with subqueries

Topics:

- ⌚ Understanding SQL subqueries, their rules
- ⌚ Statements and operators with which subqueries can be used
- ⌚ Using the set clause to modify subqueries
- ⌚ Understanding different types of subqueries, such as where, select, insert, update, delete, etc.
- ⌚ Methods to create and view subqueries

Module 08

Deep Dive into User-defined Functions

Topics:

- ⌚ User-defined functions
- ⌚ Types of UDFs, such as scalar
- ⌚ Inline table value
- ⌚ Multi-statement table
- ⌚ Stored procedures and when to deploy them
- ⌚ What is rank function?
- ⌚ Triggers, and when to execute triggers?

The Complete SQL Course

Module 09

SQL Optimization and Performance

Topics:

- ⌚ Records grouping, advantages, searching, sorting, modifying data
- ⌚ Clustered indexes creation
- ⌚ Use of indexes to cover queries
- ⌚ Common table expressions
- ⌚ Index guidelines

Module 10

Advanced Topics

Topics:

- ⌚ Correlated Subquery, Grouping Sets, Rollup, Cube, Rank, CTE, Indexes and Triggers
- ⌚ Correlated subquery, Rollup, Grouping set and cubes

Module 11

Managing Database Concurrency

Topics:

- ⌚ Applying transactions
- ⌚ Using the transaction behaviour to identify DML statements
- ⌚ Learning about implicit and explicit transactions
- ⌚ Isolation levels management
- ⌚ Understanding concurrency and locking behaviour
- ⌚ Using memory-optimized tables

Module 12

Practice Session

Topics:

- ⌚ Creating Transact-SQL queries
- ⌚ Querying multiple tables using joins
- ⌚ Implementing functions and aggregating data
- ⌚ Modifying data
- ⌚ Determining the results of DDL statements on supplied tables and data
- ⌚ Constructing DML statements using the output statement
- ⌚ Querying data using subqueries and APPLY
- ⌚ Grouping and pivoting data using queries
- ⌚ Querying data using table expressions
- ⌚ Querying temporal data and non-relational data
- ⌚ Constructing recursive table expressions to meet business requirements
- ⌚ Using windowing functions to group
- ⌚ Rank the results of a query
- ⌚ Creating database programmability objects by using T-SQL
- ⌚ Implementing error handling and transactions
- ⌚ Implementing transaction control in conjunction with error handling in stored procedures
- ⌚ Implementing data types and NULL
- ⌚ Designing and implementing relational database schema
- ⌚ Designing and implementing indexes
- ⌚ Learning to compare between indexed and included columns
- ⌚ Implementing clustered index

The Complete SQL Course

Topics:

- ⌚ Designing and deploying views
- ⌚ Column store views
- ⌚ Explaining foreign Key constraints
- ⌚ Using T-SQL statements
- ⌚ Usage of Data Manipulation Language (DML)
- ⌚ Designing the components of stored procedures
- ⌚ Implementing input and output parameters
- ⌚ Applying error handling
- ⌚ Executing control logic in stored procedures
- ⌚ Designing trigger logic, DDL triggers, etc
- ⌚ Accuracy of statistics
- ⌚ Formulating statistics maintenance tasks
- ⌚ Dynamic management objects management
- ⌚ Identifying missing indexes
- ⌚ Examining and troubleshooting query plans
- ⌚ Consolidating the overlapping indexes
- ⌚ The performance management of database instances
- ⌚ SQL server performance monitoring

Module 13

Microsoft courses: study Material

Topics:

- ⌚ Performance Tuning and Optimizing SQL databases
- ⌚ Querying Data with Transact -SQL

SQL

Course Learnings

- Master SQL fundamentals for database management.
- Gain hands-on experience through practical projects.
- Develop data manipulation and analysis skills.
- Learn efficient database design principles.
- Prepare for SQL certification exams.

What roles you **can play?**

Database administrator(DBA)

Database Admins maintain secure company databases, ensuring authorized access and data integrity for information protection.

SQL developer

SQL Developer: robust editors for SQL, PL/SQL, Stored Java Procedures, XML. Execute queries, export data efficiently.

Data Engineer

Data Engineers transform raw data into usable information, develop/maintain data processing software, create unique data infrastructure, and update systems.

Data science analyst

Data analysts collect, clean, interpret data to solve problems in diverse industries like business, finance, science, medicine.

Database Performance Analyst

Database analysts organize data, design functional database systems, evaluate, implement, and maintain databases for business needs.

IT Manager

Gain SQL expertise to monitor database operations and make informed decisions about data infrastructure.

CERTIFICATION



4.9 Average Rating



6500+ Students Got Job



45000+ Satisfied Learners

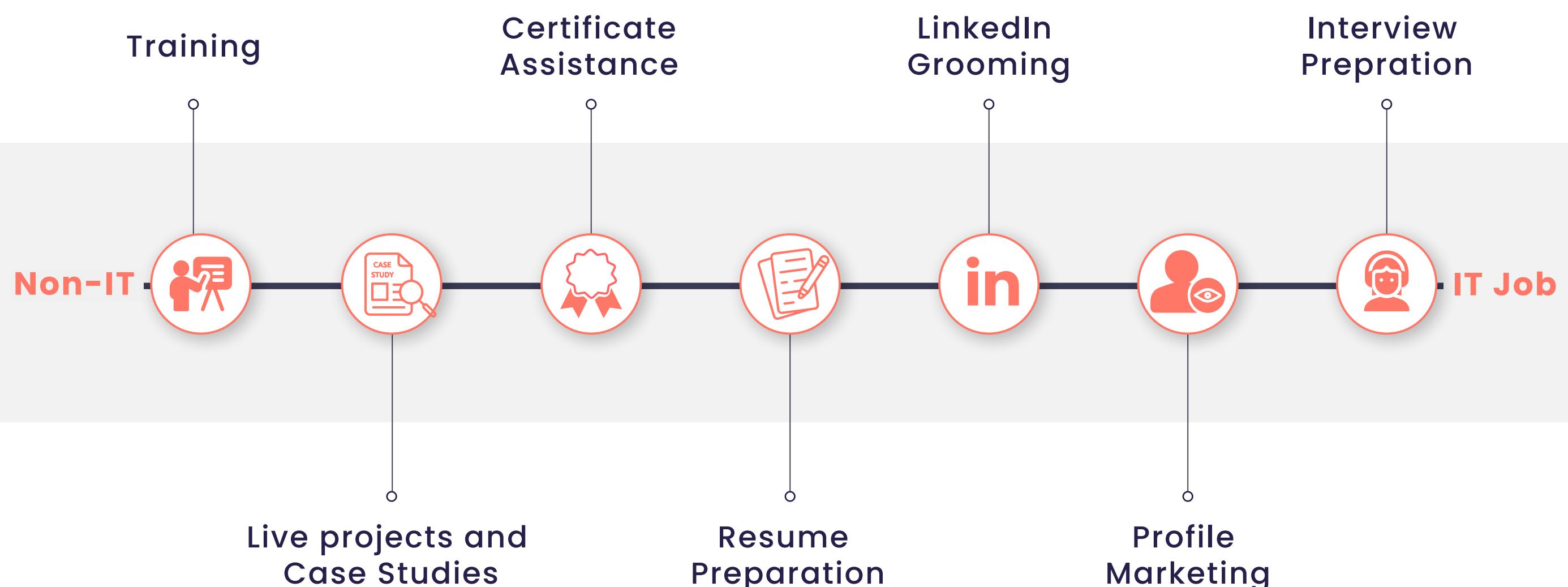


800+ Highly Qualified Trainers

Our Alumni Work at

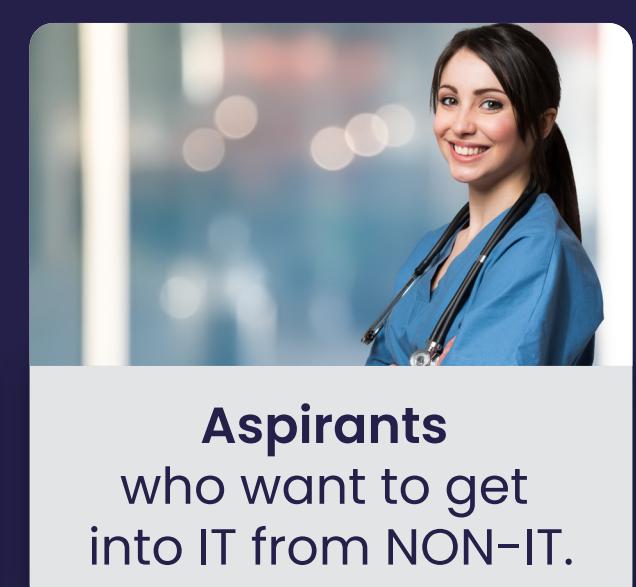
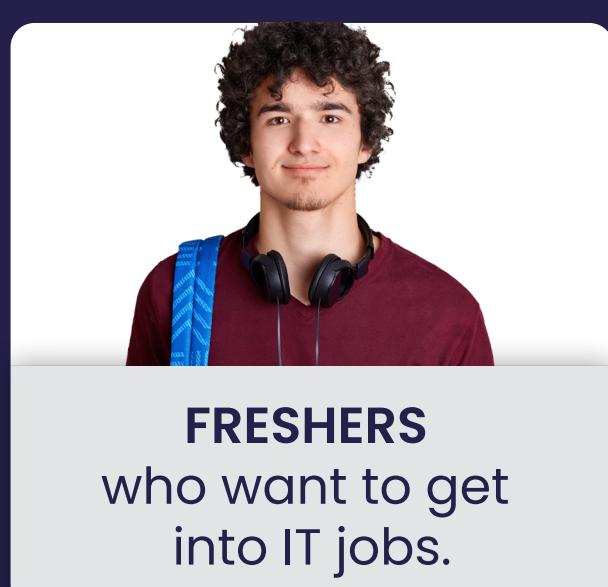


Our Students Lifecycle



Who can Apply For Our Courses?

This Course is designed by the industry experts for the aspirants who want to pursue a career in IT and management. Our job-oriented Training helps you grab this opportunity and accelerate your career. It is best suited for:



What Make Us Unique



6500+
Students got placed



800+
Qualified Trainers



300+
Hiring Partners



90%
Avg. Salary Hike

Our Career Services



Personalized Career Counselling

Expert guidance aligning your career with aspirations and strengths.



Small batch Learning Experience

Limited to five students per batch for enhanced focus and engagement.



Practice with Hands-On Labs

Immersive, practical experiences to reinforce theoretical knowledge.



100% Job Assistance

Dedicated to assist at every step of your job search journey.



Lifetime Access to Study materials

Lifetime access to class recordings for continual learning and review.



Certification Assistance

Comprehensive support to navigate certification processes.



Professional Resume Building

Tailoring resumes to showcase your skills and experiences.



LinkedIn Optimization

Professional assistance to maximize visibility on your LinkedIn profile.

HOW TO ENROLL WITH US?

01

You can check our website thinkcloudly.com and book a demo.



02

Leave your contacts for us and we will reach-out to you.



03

Call or leave a message on whatsapp any time at +1 725 710 9949

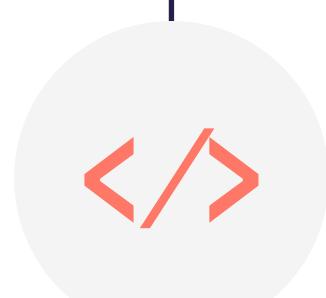


Our other paid Services



Online Live Training Course

- 45+ hours of live online Training by industry professionals.
- Practice 25+ Hands-on Labs on SQL Services.
- Lifetime access to study materials notes and recordings.



Real time live projects

- Practice and build 5 real-time live projects.
- Get exposure to real time working environments.
- Become confident in interview discussions.



Certification Assistance

- Certify your skills with expert guidance.
- Stand out in the competitive job market.
- Enhance your professional credibility.



Linkedin & Resume Optimization

- Resume preparation by industry-level resume experts.
- Linkedin profile Grooming by social media experts.
- Increase your probability of securing the desired IT job.



Profile Marketing

- Marketing your Profile in leading 300+ Organizations.
- Bridging the gap between you and your Dream Job.
- Increasing the number of Interview mails and calls.



Mock Interview Sessions

- Get interview preparatory session by professionals.
- Enhance your soft skills and boost up confidence.
- Receive a constructive feedback on your performance.



Praise Paul

★★★★★

Courses are well-structured and engaging, taught by knowledgeable instructors. This platform has played a pivotal role in my career development. Highly recommended for lifelong learners.



Abdmalik Azeez

★★★★★

The classes offered are exceptional, with a diverse array of subjects. The educators are highly skilled and adept at making the learning experience enjoyable. It's a valuable resource for both personal and professional development.



Gertrude Khutjwe

★★★★★

I received the best service as a student at ThinkCloudly. This applies to the course outline, training materials, lecturers, the integrity, the support, the respect all this was an outstanding experience. They even support you all the way even after you complete your course.

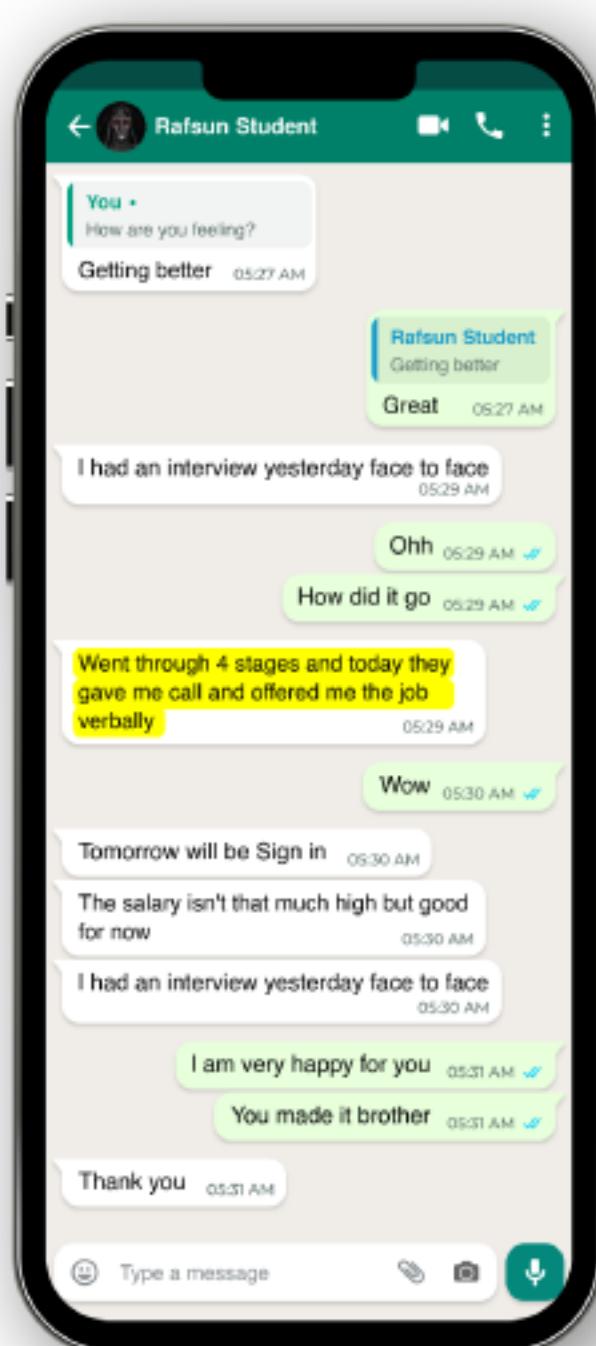
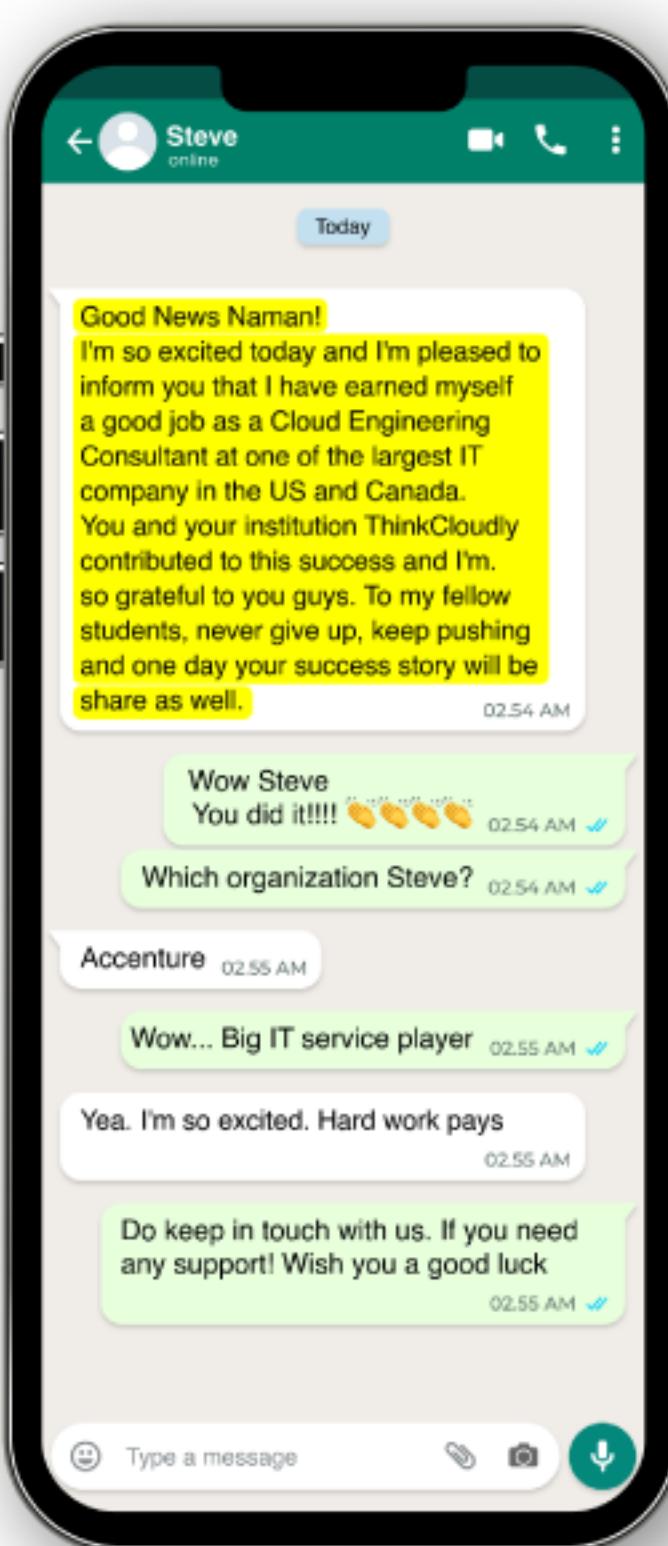
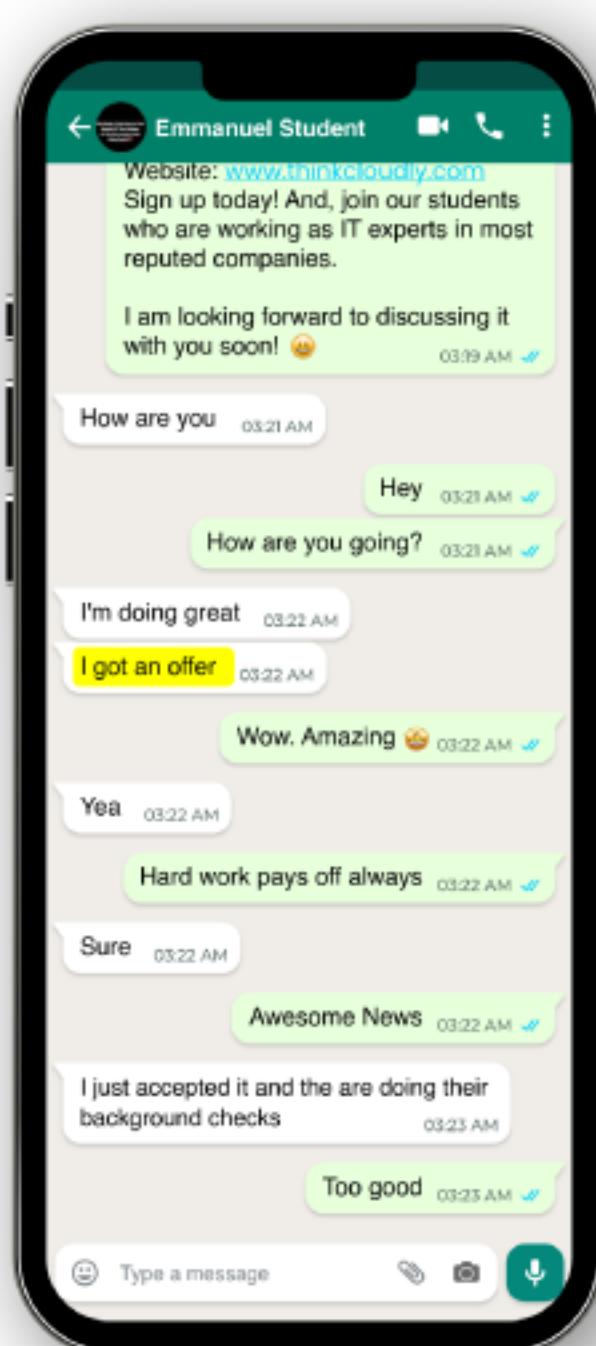


EGHOSA AIBANGBEE

★★★★★

Am currently enrolled at ThinkCloudly and I am enjoying every minute of it. The team is so helpful. Mukesh Bari has been great, full and wonderful all through his class. I love his teaching. I will definitely recommend anyone who is looking to get into tech to start with ThinkCloudly. They are so wonderful and helpful.

What our students say ?





About Thinkcloudly

Thinkcloudly is more than an educational platform; it's an ecosystem designed to help you learn, master digital skills, and land your dream job in IT and management. We believe in providing every individual the opportunity for a better life.

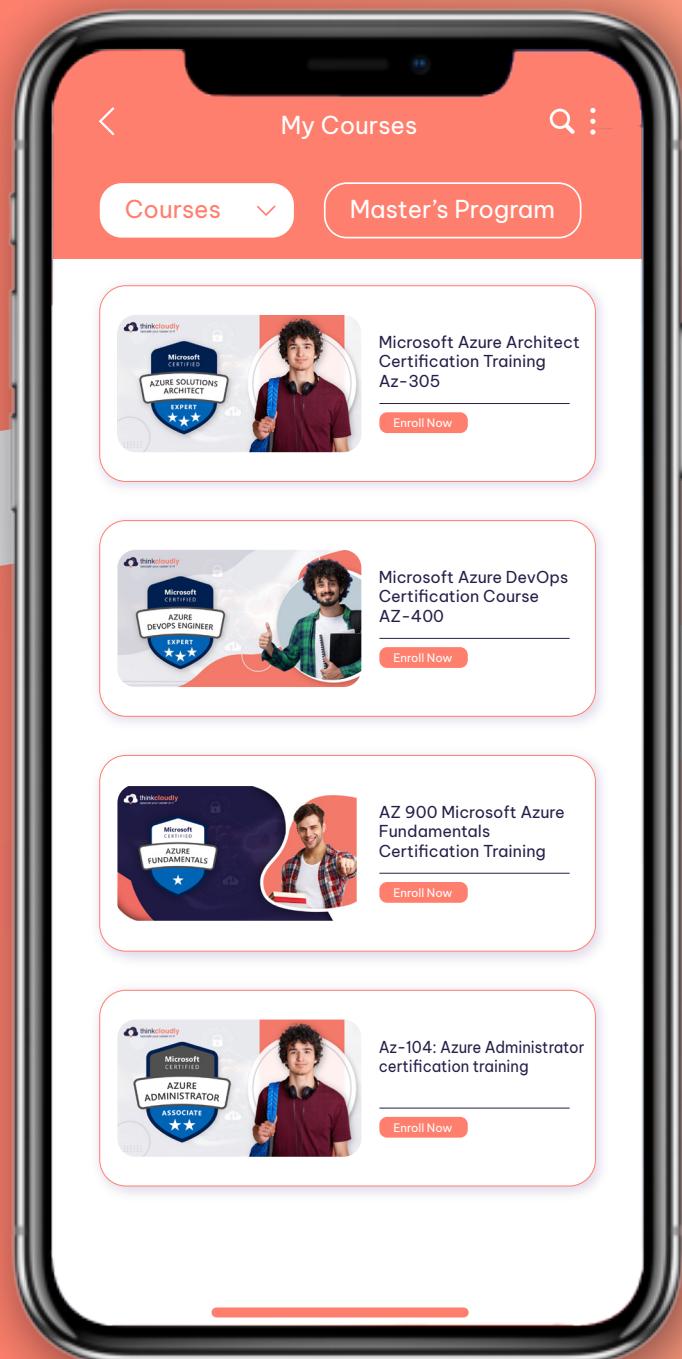
At Thinkcloudly, we don't make assumptions we get to know you, understand your strengths and weaknesses, and craft a personalized learning journey.

Our commitment is 24/7, offering not just education but also support, reminders, notes, and recording assistance. Connect with us for knowledge, and together, let's make your dreams a reality!

Our Mission

Our mission is to establish a simplified way to upskill and get a career in IT for every individual.





Experience Mobile Adventure!

You can now access the study materials at your fingertips!



GET IT ON
Google Play

Ask your queries to our experts!

Our experts are available around the clock to address your queries. Feel free to reach out anytime.

Contact Us

- Visit Us** : www.thinkcloudly.com
- Locate Us** : 1111-21 Iceboat Terr, Toronto, Ontario , M5V 4A9
- Call Us** : +1 725 710 9949 (Whatsapp)
- Mail Us** : info@thinkcloudly.com | admins@thinkcloudly.com



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