



ihub
INNOVATIVE PLACEMENT SOLUTIONS

powered by
Quality Thought[®]



FULLSTACK PYTHON

WITH **React JS+ Angular JS+AWS+DSA+ AI**

TRAINING

- ⇒ Real Time Training
- ⇒ Live Project/Use Cases
- ⇒ LMS Access for 6 Months
- ⇒ Resume Preparation
- ⇒ Doubts Clarification
- ⇒ 1 Mock Interview
- ⇒ Interview Questions & Readiness Preparation
- ⇒ Placement Referral Support
- ⇒ Course Completion Certificate

Duration: Max of 4 months
 Daily 1.5-3 hrs

Timings:

Morning | Evening
 07:00AM-09:00AM | 06:00PM-09:00PM

JOIP

- ⇒ Full Day Training
- ⇒ Real Time Training
- ⇒ Live Project / Usecases
- ⇒ LMS Access for 8 Months
- ⇒ Soft Skills & Aptitude Classes
- ⇒ Resume Preparation
- ⇒ Doubts Clarification
- ⇒ Weekly 1 Mock Interview
- ⇒ Interview Questions Preparation
- ⇒ Monthly Placement Screening Tests
- ⇒ Assignments / Mock Tests
- ⇒ Interview Readiness Sessions
- ⇒ Mega Drive Selection
- ⇒ Mandatory For Placements
- ⇒ Pay After Placement
- ⇒ Placement Assistance
- ⇒ Course Completion Certificate

Duration: Max of 6 months - Daily 1.5-3 hrs

Timings: 08:00AM-06:00PM

I&I-100% PLACEMENT ASSISTANCE

- ⇒ Full Day Training + Internship from Day 1
- ⇒ Real Time Training
- ⇒ Internship @IT Company-Ramana Soft
- ⇒ Live Project/ Client Projects Implementation
- ⇒ LMS Access Upto 1 Year
- ⇒ Resume Preparation
- ⇒ Doubts Clarification
- ⇒ Weekly 1 Mock Interview
- ⇒ Assignments/Mock tests
- ⇒ Soft Skills & Aptitude Classes
- ⇒ Monthly Placement Screening Test
- ⇒ Interview Questions & Readiness Preparation
- ⇒ Pay After Placement
- ⇒ No Mega Drive Selection
- ⇒ Personalised Assistance for Complex Tasks
- ⇒ 100% Placement Assistance - Until you're Hired
- ⇒ Internship Completion Certificate-6 Months from Ramana Soft or Client
- ⇒ Course Completion Certificate - Quality Thought

⇒ Max Of 6 Months | 8 Hrs Per Day | ⇒ 1st & 2nd Month Internship - 2 Hrs | ⇒ Training Duration: 4 Months
 ⇒ 3rd & 4th Month Internship- 4 Hrs | ⇒ Internship Duration: 6 Months | ⇒ 5th & 6th Month Internship- 8 Hrs

QSIP-100% PLACEMENT ASSISTANCE

- ⇒ Full Day Training Paid Internship from Day 1
- ⇒ Real Time - Industry Training
- ⇒ Internship @IT Company-Ramana Soft
- ⇒ Live Projects / Client Projects Implementation
- ⇒ LMS Access Upto 1 Year
- ⇒ Resume Preparation
- ⇒ Doubts Clarification
- ⇒ Weekly 1 Mock Interview
- ⇒ Assignments/MockTests
- ⇒ Soft Skills & Aptitude Classes
- ⇒ Monthly Placement Screening Test
- ⇒ Personalized Support from a Dedicated Placement Officer
- ⇒ Interview Questions & Readiness Sessions
- ⇒ No Mega Drive Selection
- ⇒ Personalised Assistance for Complex Tasks
- ⇒ Eligibility Criteria 2020-2025 Passed Outs Only
- ⇒ Only Freshers Internship
- ⇒ HR Approval Mandatory
- ⇒ Ramana Soft Interview Mandatory
- ⇒ 100% Placement Assistance - Until you're Hired
- ⇒ Internship Completion Certificate-6 Months from Ramana Soft or Client
- ⇒ Course Completion Certificate - Quality Thought

180 Days Paid Internship Program Overview

⇒ Max Of 6 Months | 8 Hrs Per Day | ⇒ 1st & 2nd Month Internship - 2 Hrs | ⇒ Training Duration: 4 Months
 ⇒ 3rd & 4th Month Internship- 4 Hrs | ⇒ Internship Duration: 6 Months | ⇒ 5th & 6th Month Internship- 8 Hrs

Content Explanation

Counsellor Name / Phn :

Python Demo Date :

Python Demo Time :

Python Fee :

Python Duration :

Trainer Name :

Python Internship Execution @RamanaSoft

RamanaSoft Joining Document Requirements

Degree/PG Certificates 2 Copies
Inter Memo 2 Copies
SSC Memo 2 Copies
Adar Card 2 Copies
Pan card 2 Copies
3 Passport Sizes photos (Colour)

Company Details: Ramana Soft

Project Process

Activity_Id Activity/Process Owner

1. Business Grooming
2. Functional Walk-thru
3. Make them to write Test cases
4. Execute Testing People
5. Report bugs to Dev(UI/Java)
6. Jira
7. Deployment
8. Regression Testing People

Testing Process Agile Testing-Sprint 1,2,3,...,N

Sprint 1 Schedule Sprint-1 starts

1..Joining Formalities with HR

2.Providing Access

- ⇒ Outlook ⇒ Slack
- ⇒ JIRA ⇒ DB
- ⇒ Application URL access and VPN
- ⇒ Providing KT , Scrum call
- ⇒ Providing KT, Scrum call
- ⇒ Scrum call, Sprint grooming, Sprint planning
- ⇒ Scrum call, Analysing requirements
- ⇒ Analysis and Writing test scenarios, Scrum call
- ⇒ Writing Test cases, Scrum call
- ⇒ Writing Test cases, Scrum call
- ⇒ Getting review of test cases, Scrum call
- ⇒ Smoke testing, Scrum call
- ⇒ Execution of test cases, Scrum call
- ⇒ Execution of test cases, Scrum call
- ⇒ Execution of test cases, Retest, Scrum call
- ⇒ Retesting, Regression testing, Scrum call
- ⇒ Sprint-1 Closer Sprint review and retrospective meeting, Sanity check and QA sign off, Scrum call Planning for second sprint

Tools

- ⇒ Outlook ⇒ Slack ⇒ JIRA ⇒ DB

Meetings

Daily Scrum Meetings

Sprint Planning

Sprint Retrospective

Sprint Review Meeting

Project Domain:

Banking,Insurance, Health Care, Retail, Ecommerce, IOT, AI/ML,Gaming,Travel



Aptitude & Reasoning

Quantitative

- ⇒ Basic Maths
- ⇒ Algebra
- ⇒ Percentages
- ⇒ Profit And Loss
- ⇒ Discounts
- ⇒ Averages
- ⇒ Time and Work
- ⇒ Chain Rule
- ⇒ Pipes and Cisterns
- ⇒ Ratios
- ⇒ Proportions
- ⇒ Partnerships
- ⇒ Time and Distance
- ⇒ Trains
- ⇒ Boats and Streams
- ⇒ Simple Interest
- ⇒ Compound Interest



Reasoning

- ⇒ Directions
- ⇒ Letter Series
- ⇒ Number Series
- ⇒ Coding - Decoding
- ⇒ Blood Relations
- ⇒ Statement and Assumption
- ⇒ Analogy
- ⇒ Odd Man Out Series
- ⇒ Venn Diagrams
- ⇒ Mirror Images
- ⇒ Water Images
- ⇒ Arranging in Order
- ⇒ Paper Folding / Cutting
- ⇒ Grouping
- ⇒ Counting the figures
- ⇒ Clocks
- ⇒ Calenders
- ⇒ Seating Arrangements



Data Interpretation

- ⇒ Bar Charts
- ⇒ Line Charts
- ⇒ Pie Charts
- ⇒ Table Charts

QUALITY IN SOFT SKILLS

- ⇒ English Skills: Basic Grammar – Parts of Speech, Preposition, Tenses, Usage, Auxiliaries and Modals, Sentence Formation and Phonics – Sounds, Pronunciation and Articulation
- ⇒ LSRW Skills: Listening, Speaking, Reading and Writing Skills, Techniques & Tips and its importance
- ⇒ Communication Skills: Types, Levels, Styles, 7 C's, Barriers & How to overcome Barriers, Importance, Interpersonal Skills and Activities
- ⇒ Business Communication Skills: Telephone Etiquettes, How to Write Official Letters, Drafting Official Emails, Writing Memos & Blogs and Professional Ethics
- ⇒ Public Speaking Skills: Reduce Fear & Shyness, Openness & Transparency, Pre-Requisites for Public Speaking
- ⇒ Presentation Skills: Preparation, Tips & Techniques and Body Language
- ⇒ Employability Skills: Job Readiness – Resume Formats, How to Face Interview, PI / GD / JAM, Interview Questions, Power Dressing, Corporate Grooming, Goal Setting, Corporate Culture & Work Ethics

VALUE ADDITION:

- ⇒ # International Tools: SWOT Analysis, SOAR Analysis, Transaction Analysis, Johari Window, IKIGAI Japanese Concept, Mind Mapping, and Enneagram Personality Type
- ⇒ # VERSANT + Voice & Accent Training with Accent Neutralization to reduce MTI and Regional Slang



Core PYTHON

► **Python Introduction & setup environment**

► **What are the software's required to learn python**

- a. Python 3.7.0 version installation
- b. Visual studio code installation

► **An identifier(variable)**

- a. What an identifier(variable)
- b. Rules for an identifier(variable)

► **Data types in Python**

- a. Integer data type
- b. Floating data type
- c. String data type
 - ⇒ join()
 - ⇒ len()
 - ⇒ replace()
 - ⇒ split()
 - ⇒ strip()
 - ⇒rstrip()
 - ⇒ lstrip()
 - ⇒ upper()
 - ⇒ lower()
 - ⇒ slice operator with + index
 - ⇒ slice operator with - index

► **Boolean data type**

► **Complex data type**

► **List data type**

- ⇒ List with their properties
- ⇒ append()
- ⇒ remove()
- ⇒ insert()
- ⇒ extend()
- ⇒ pop()
- ⇒ index()
- ⇒ sort()
- ⇒ sorted()
- ⇒ len()
- ⇒ copy()
- ⇒ clear()

► **Tuple data type**

- ⇒ Tuple with their properties
- ⇒ max()
- ⇒ min()
- ⇒ len()

► **Set data type**

- ⇒ Set with their properties
- ⇒ copy()
- ⇒ clear()
- ⇒ len()
- ⇒ intersection()
- ⇒ update()
- ⇒ union()

► **Dictionary data type**

- ⇒ Dictionary data type with their properties
- ⇒ keys()
- ⇒ values()
- ⇒ items()
- ⇒ popitem()
- ⇒ get()
- ⇒ copy()
- ⇒ clear()
- ⇒ update()
- a. Bytes data type
- b. ByteArray data type
- c. Frozenset data type
- d. Range data type
- e. None data type
- f. Working with input() function with their rules
- g. Typecasting in python
- h. Working with eval() function with their rules

► **An operators in Python**

- a. Arithmetic operators
- c. Assignment operators
- d. Logical operators
 - ⇒ Logical and operator
 - ⇒ Logical or operator
 - ⇒ Logical not operator

► **Equality operators**

► **Comparison operators**

► **Chaining operators**

► **Ternary operators**

► **Special type of operators**

- ⇒ Identity operators
- ⇒ Membership operators

► **Bitwise operators**

- ⇒ Bitwise and operator
- ⇒ Bitwise or operator
- ⇒ Bitwise exclusive or
- ⇒ Bitwise complement operator
- ⇒ Bitwise left-shift operator
- ⇒ Bitwise right-shift operator

► **Working with Input & Output functions**

- ⇒ a. Input() & print() functions
- ⇒ b. Working separator attribute
- ⇒ c. Working with end attribute
- ⇒ d. Formatted string
- ⇒ e.Replacement operator

► **Command Line argument (CLA) in Python**

- a. Working with sys module with argv variable
- b. argv variable with various operations

► **Control Statements in Python**

- ⇒ Decision making or conditional statements
- ⇒ If statement
- ⇒ nested if statement
- ⇒ if else statement
- ⇒ if elif else statement

► **Iterative statements**

- ⇒ for loop ⇒ nested for loop
- ⇒ while loop
- ⇒ nested while loop

► **Transfer statements**

- ⇒ pass statement ⇒ break statement
- ⇒ continue statement

► **Working with zip () function**

► **List comprehension**

► **Tuple comprehension**

► **Set comprehension**

► **Dictionary comprehension**

► **Functional Programming language in Python**

- a. What is function
- b. Types of functions
- c. Why do use functions in real time applications
- d. How to create a function in python
- e. What is `__name__ == "__main__"`
- f. Formal parameters
- g. Actual parameters
- f. Arguments in function
 - ⇒ Positional argument
 - ⇒ Default argument
 - ⇒ Keyword argument
 - ⇒ Variable length argument
 - ⇒ Keyword variable length argument
 - ⇒ Difference between `*obj1` & `**obj2`

► **Nameless function**

- ⇒ Working with lambda keyword
- ⇒ filter() function ⇒ map() function
- ⇒ reduce() function

► **Inner or Nested function**

► **Packages in Python**

- a. What is module
- b. What is package
- c. What is library
- d. What is framework
- e. How package is important in real world software's
- f. Complete structure of package
- g. Complete structure of nested package

► **Modular Programming Language in Python**

- a. Why modular programming language
- b. Import & export data from one to another module
- c. Various possibility of import & export the data
- d. Working with reload () functions
- e. Working with math module
- f. Working with random module

► **Modular Programming Language in Python**

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- e. Working with math module
- f. Working with random module

► **Pandas Library**

- a. What are pandas
- b. How to install pandas
- c. How pandas ruling in data science applications
- d. Working on Data Frame object
- e. Working with pandas predefine functions
 - ⇒ head() function ⇒ tail() function
 - ⇒ max() function ⇒ min() function
 - ⇒ count() function ⇒ sum() function
 - ⇒ sum(1) function ⇒ sort() function

► **Working with iterating methods in pandas**

- a. Iteritems ()
- b. Iterrows ()
- c. Itertuples ()

► **NumPy Library**

- a. What is NumPy
- b. How NumPy is ruling in data science applications
- c. How to install NumPy
- d. Working with zero to nth dimension arrays
- e. What is ndim
- f. What is ndmin
- g. Slicing with numpy
- h. Working with shape attribute
- i. Working with reshape function
- j. Applying the loops on NumPy
- k. Working with predefine functions in NumPy

► **Advance Data Structure in python**

- a. Working on Stack with their rules
- b. Working with Queue with their rules
- c. Working binary tree with their rules
- d. Working with linked list
 - ⇒ Single linked list
 - ⇒ Double linked list

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► **Pattern Examples**

► **Important Interview Questions & Answers**

Adv. PYTHON

► **Object oriented Programming language in Python.**

- What is class
- How to create class
- What is an object
- How to create an object
- What is constructor
- What is Instance method
(Non static method)
- What is class method
- What is static method
- What is Instance variable
- What is Static variable
- What is Local variable
- Working with GC module
- Working with Inner classes
- What is composition and aggregation

► **Inheritance**

- Duck-Typing
- Operator overloading
- Method overloading
- Method overloading with default argument
- Method overloading with variable length argument
- Constructor overloading
- Constructor overloading with default argument
- Constructor overloading with variable length argument
- Method overriding
- Constructor overriding
 - ⇒ Working on Encapsulation
 - ⇒ Abstract method ⇒ Abstract class
 - ⇒ Interface ⇒ Concrete classes
 - ⇒ Access modifier

► **File Handling in Python**

- Why file is required
- What is file handling
- How to open a file
- Working with various modes of file
- Working with write() and write lines()
- Working with read()
and read line() and read lines()
- Working with 'with' statement
- Working with pickling & unpickling
- Working with CSV module
- Working with Zipping and Unzipping
- Working with object serialization
and object deserialization

► **Exception Handling in Python**

- Types of errors in programming language
- What is exception
- What is main objective of an exception
- Working with try & except block

- Working with default exception
- Working with try & except & else & finally block
- Working with nested try &
except & else & finally block
- Difference between try & finally block

► **Decorators in Python**

- What is decorator
- Why decorator is required
- Working with
@decor_name decorator
- Working with decor function

► **PDBC in python**

- Why PDBC
- Working XAMPP tool for
MySQL Database
- How to install MySQL. Connector drivers
- Performing all database queries

► **Generators in python**

- What is generators
- Why do we require generators
- Working with yield keyword

► **Multi-Threading**

- What is multi-threading
- Types of multi-threading
- What is Thread
- How many ways we can
create thread in python
- How to improve the application
performance with threading
- Synchronization and Asynchronization

► **Assertion in Python**

- What is assertion
- Types of assertion
- Working with assert keyword to
develop testcases
- Scripts for to perform
debugging operations using assertion

► **Web Scrapping with Regular expression**

- What is regular expression
- Working with re module in python
- Working with character classes
- Working with predefine classes
- Working with quantifiers
- Regex object for Indian mobile number
- Regex object for email
- Working with predefine functions
 - ⇒ match() ⇒ fullmatch()
 - ⇒ search() ⇒ findall()
 - ⇒ sub() ⇒ subn()
 - ⇒ split()
- What is web scarping
- How to fetch real time data
using web scarping process

Web development

(UI or Front End) 

► HTML & HTML5

- a. What are the software require to learn UI
- b. Working with Fav icon for our frontend
- c. Working with heading tag
- d. Working with formatted tag
- e. Working with paragraph tag
- f. Working with marquee tag
- g. Working with image tag
- h. Working with anchor tag
- I. Working with table tag
- j. Working with form and its components
- k. Developing the complete form with validation
- I. Working with HTML 5 tags
- m. Working with div tag

► CSS & CSS3

- a. What is CSS
- b. Types of CSS
 - ⇒ Inline CSS
 - ⇒ Internal CSS
 - ⇒ External CSS
- c. What are selectors and its types
 - ⇒ Using tag-based selector
 - ⇒ Using class-based selector
 - ⇒ Using Id selector
 - ⇒ Using group by selector
 - ⇒ Using universal selector
- d. Working with float property
- e. Working visibility property
- f. Working with display property
 - ⇒ none
 - ⇒ inline
 - ⇒ inline-block
 - ⇒ block
 - ⇒ flex
- g. Working with position property
 - ⇒ static
 - ⇒ absolute
 - ⇒ fixed
 - ⇒ sticky
 - ⇒ inherit
- h. Working with media query

► JavaScript

- a. Why JavaScript
- b. What is JavaScript
- c. How many ways we can JavaScript
 - ⇒ Inside the body tag
 - ⇒ Inside the head tag
 - ⇒ External JS
- d. Working with variable declarations
- f. Working with document. Write()
- g. Working with console.log()
- h. Working Dialog boxes
 - ⇒ Alert() or window.Alert()
 - ⇒ Comfirm() or window confirm()
 - ⇒ Prompt() or window.prompt()
- j. Working with Data types
 - ⇒ Primitive data type
 - ⇒ Non primitive data type
- k. Working with operators
- l. Working with control statements
- m. Working with events
- n. Working with functions
- o. Working with DOM
- p. Working with High order functions
- q. Working with promises in JS
- r. Working with OOPS in JS
 - ⇒ Creating a class
 - ⇒ Creating an object
 - ⇒ Constructor
 - ⇒ Inheritance
 - ⇒ Super keyword
 - ⇒ Encapsulation
 - ⇒ Prototypes
 - ⇒ Polymorphism

BOOTSTRAP (4 & 5)

- Why bootstrap
- What is bootstrap
- Features of bootstrap
- What is grid system
- What are offset classes
- Working with typography
- Working with buttons
- Working with jumbotron
- Working with Progress bar
- Working with paginations
- Working with forms
- Working with cards
- Working with navbar tag
- Working with model
- Working with panel
- Working with validations states
- Working with toggle and collapse classes

Django

- ▶ Prerequisite to learn Django
- ▶ What is Django
- ▶ Features of Django
- ▶ How to create a project
- ▶ How to create application
- ▶ Working with complete file structure in Django after creating Django project & application
- ▶ How to create more than one application
- ▶ How to create a urls.py file at application to improve performance
- ▶ Working with MVT design pattern
- ▶ Working with templates folder for frontend development
- ▶ Working with Static folder for frontend design development
- ▶ Implementing JavaScript in Django
- ▶ Implementing bootstrap in Django
- ▶ Working with model class in Django
- ▶ Working with Django forms
- ▶ Working with Django model relationship
 - a. One To One Relationship
 - b. Many To One Relationship
 - c. Many To Many Relationship
- ▶ Django Exceptions
 - a. Working with predefine exception
 - b. Working with custom exception
- ▶ Django ORM
- ▶ Django Cookies & Sessions implementations
- ▶ Django Custom Routing
- ▶ Django Image uploading
- ▶ Django file uploading

Django Rest Framework

- ▶ Why Django rest framework is required
- ▶ What is API
- ▶ What is Web API
- ▶ What is Rest-Ful API
- ▶ How to create restful API's using Django rest framework
- ▶ Working with postmen tool to test our restful API's

The Django logo, featuring the word "django" in a bold, lowercase, sans-serif font.The Django REST framework logo, featuring the word "django" in a small, lowercase, sans-serif font, followed by "REST" in a large, outlined, uppercase, sans-serif font, and "framework" in a small, lowercase, sans-serif font below it.

AngularJS

- ▶ Prerequisite to learn angularjs
- ▶ What is angular JS
- ▶ Working with angular JS directives
- ▶ Working with one way and two data binding
- ▶ Working with Angular filters

Angular 14 Version

- ▶ Introduction to typescript
- ▶ What is typescript
- ▶ How to install and develop the typescript
- ▶ What is Transpilers
- ▶ Installing of NodeJS
- ▶ How to install angular framework
- ▶ How to create an application
- ▶ File and folder structure of angular application
- ▶ Working with one way data binding
 - a. Interpolation data binding
 - b. Property binding
 - c. Class binding
 - d. Style binding
 - e. Event binding
- ▶ Working with Two-way data binding
- ▶ Working with custom component
- ▶ Integrating bootstrap in angular
- ▶ Working with *ngFor and *ngIf and *ngSwitch
- ▶ Working with predefined pipes
- ▶ Working with custom pipes
- ▶ Working with unit testing in angular
- ▶ Working with Routing in Angular

ReactJS

- ▶ Why react compare to another framework
- ▶ What is react
- ▶ Installing of ReactJS
- ▶ File & folder structure of react application
- ▶ Functional component in ReactJS
- ▶ Class component in ReactJS
- ▶ Working with Custom component
- ▶ Working with CSS in reactJS
- ▶ Working with Bootstrap integration
- ▶ Working with JSX
- ▶ What is state in ReactJS
- ▶ States using functional component
- ▶ States using class component
- ▶ Working with Props in ReactJS
- ▶ Working with Hooks in reactJS
- ▶ Working with Redux operations
- ▶ Working with MYSQL integration in ReactJS

Mysql or Oracle Database

- ▶ Why database
- ▶ What is database
- ▶ What is SQL
- ▶ How to install MYSQL database
- ▶ Working with DDL commands
 - a. create command
 - b. alter command
 - c. drop command
 - d. rename command
 - e. truncate command
- ▶ Working with DML commands
 - a. insert command
 - b. update command
 - c. delete command
 - d. select command
- ▶ Working with constrains
 - a. primary key
 - b. foreign key
 - c. unique key
 - d. null key
- ▶ Working with order by clause
- ▶ Working with where clause
- ▶ Working with having clause
- ▶ Transactional commands
 - a. rollback
 - b. commit
 - c. save point
- ▶ Working with joins
 - ▶ inner join
 - ▶ outer join
 - ▶ cross join
 - ▶ full join

Flask

- ▶ Prerequisite to Learn Flask
- ▶ What is Flask
- ▶ Why Flask compares to Django
- ▶ How to install flask
- ▶ How to create flask applications
- ▶ How to integrate routing in flask
- ▶ How to develop frontend development using flask
- ▶ How to connect database with flask



Flask with Flask restful with microservices

- ▶ What is flask restful
- ▶ What is microservice
- ▶ How to develop microservice based restful API'S
- ▶ Implementing the microservice using flask restful

FastAPI with Microservices

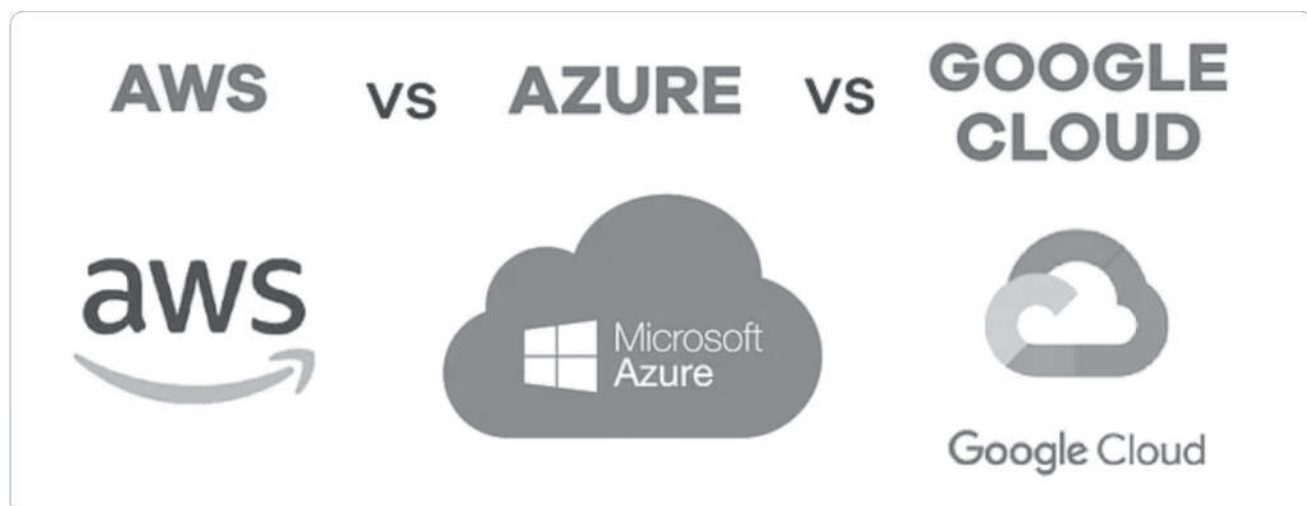
- ▶ What is Fast API
- ▶ Why FastAPI compare to flask restful & Django rest framework
- ▶ Develop the restful APIS with FastAPI with mongo DB implementation



Microservices

Cloud with Python integration

- ▶ AWS with Python integration



Artificial Intelligence(AI) with open AI (Tools) & NLP & Data Structures & Algorithms

- ▶ Applications of AI
- ▶ History of AI
- ▶ Types of AI
- ▶ Future of AI
- ▶ Type of Agents
 - A. Intelligent Agent
 - B. Agent Environment
 - C. Turing Test in AI

Unification in FOL

- ▶ Resolution in FOL
- ▶ Forward Chaining and Backward Chaining
- ▶ Backward Chaining and Forward Chaining
- ▶ Reasoning in AI
- ▶ Inductive vs Deductive reasoning

Problem Solving in AI

- ▶ Search Algorithm
- ▶ Uninformed Search Algorithm
- ▶ Informed Search Algorithm
- ▶ Hill climbing Algorithm
- ▶ Means End Analysis

Adversarial Search

- ▶ Adversarial Search
- ▶ Minimax Algorithm
- ▶ Alpha-Beta Pruning

Knowledge Represent

- ▶ Knowledge based Agent
- ▶ Knowledge Representation
- ▶ Propositional Logic
- ▶ Rule of Inference
- ▶ First Order-logic

Uncertain Knowledge R

- ▶ Probabilistic Reasoning in AI
- ▶ Bayes Theorem in AI
- ▶ Bayesian Belief Network



AI (Artificial Intelligence)

- ▶ Example of AI
- ▶ AI Essay
- ▶ AI in Healthcare
- ▶ AI in Education
- ▶ AI in Agriculture
- ▶ AI in Engineering Applications
- ▶ AI and Robotics
- ▶ Scope of AI
- ▶ Agent of AI
- ▶ AI in Stock
- ▶ AI as services
- ▶ AI in Banking
- ▶ Cognitive AI
- ▶ AI in Automotive Industry
- ▶ AI in Manufacturing Industry
- ▶ AI In Civil Engineering
- ▶ AI in Gaming Industry
- ▶ AI in HR
- ▶ AI in Medicine
- ▶ AI in Marketing

DSA (Data Structure & Algorithms)

- ▶ Indtruction to Data Structure
- ▶ Algorithms
- ▶ Perfomance Analysis
- ▶ Asymptotic Notations
- ▶ Arrays
- ▶ Structures
- ▶ Pointers
- ▶ Dynamic Memory allocation
- ▶ Stacks Implementation
- ▶ Stack Implementation using pointer (dynamic)
- ▶ Queues
- ▶ Double Ended queue (Deques)

Our Recent Successful Candidates



6.1
LPA

Bharathi

Temenos Pvt Ltd



4.6
LPA

Yogesh

accenture



4.6
LPA

Charan

accenture



3
LPA

Chandra Shekar

Tech Mahindra



LPA

M Anusha

Potla Tech Solotion



4
LPA

Vamshi

Kapil IT Soft Solutions



6.5
LPA

Harsha

Sterling



4
LPA

Chetan

Exousia International



3.5
LPA

K Venkata Siva

truminds



3
LPA

Aliya Fatima

RG2IT Solutions



2.4
LPA

Swapna

V-Soft



3.2
LPA

Rithick Poojari

Vollmond IT



3.5
LPA

Shibani Choudhary

Wipro Technologies



4.6
LPA

Hemanth

Accenture



2.9
LPA

B Durga Prasad

EVERESTDX



2.4
LPA

Tejaswini

V-Soft



2.9
LPA

Naveen Bhukya

EVERESTDX



3.5
LPA

Khasim

V-Soft



6
LPA

Surya Kumar

Sonatafy Tech



2.4
LPA

G Nalini

Hanya Auto Technologies



4.8
LPA

Manikanta

Service Pack



7
LPA

Bittu Kumar

NavSoft



4.7
LPA

Feroz

Codertrue



3.5
LPA

Wasim

V-Soft



2.4
LPA

S Sai Kumar

V-Soft



3
LPA

Hanna Marry

Suvarna Tech



3
LPA

Aditya

Quest global



4.8
LPA

Veerababu

Perenial Codeit Solution



4.5
LPA

Chandu Teja

Truminds



14
LPA

Pakirappa

Qualcomm



Our Students Are Placed In