

JOB ASSURANCE PROGRAM IN CLOUD COMPUTING

2023 COURSE CATALOG



Make your dream come true with us!



There are several reasons to choose cloud computing:

High demand: Cloud computing is an important and rapidly growing field, with many organizations looking to adopt cloud technologies to improve their operations and reduce costs. This has led to a high demand for skilled professionals in the field.

Good salary: Cloud computing professionals are in high demand, and this demand is reflected in the salaries that they can command. According to Glassdoor, the average salary for a cloud computing professional is around £121,000 per year.

Career advancement opportunities: The field of cloud computing is constantly evolving, and there are many opportunities for professionals to learn new skills and advance their careers.

Flexibility: Cloud computing technologies are used by organizations all over the world, which means that there are often remote work opportunities available for cloud professionals. This can provide a great deal of flexibility in terms of work location and schedule.

TRAINING & JOB

PROFILES

CLOUD ARCHITECT

CLOUD DEVELOPER

CLOUD ENGINEER

DEVOPS ENGG.

CLOUD CONSULTANT

CLOUD ADMINISTRATOR



PROGRAM DETAILS

Under the program a candidate will go through a rigorous training for 3 Months of duration starting from basics of Cloud Computing to Covering all cloud environments like AWS, Google Cloud & Microsoft Azure. Candidate can choose the programme & take advise from our expert too choose the suitable cloud course.

The program includes a blend of recorded & live sessions.

The program also includes a "Capstone Project" along with a Internship in Microsoft.

Also the candidate will be mentored by our team of professionals, who are ex. employees of these global organizations regarding "Interview Preparation " , "Profile Building(LinkedIn, Resume)" .

At the end of program candidate will either go for "Placement" or "Gig Works " .

Candidates can reach their mentors for any doubt resolution during 10:00AM – 10:00PM.

TOPICS COVERED



Uskill

1

CLOUD ARCHITECTURE &
DESIGN

2

CLOUD SECURITY

3

CLOUD DEPLOYMENT

4

TROUBLESHOOTING

5

MICROSOFT AZURE CLOUD

6

DEPLOYMENT & SECURITY

7

AWS CLOUD DEPLOYMENT &
SECURITY

8

GOOGLE CLOUD DEPLOYMENT &
SECURITY

PROGRAM MODULES



BASICS OF PYTHON
PROGRAMMING

DEVOPS

AMAZON WEB
SERVICES (AWS)

MICROSOFT AZURE.

GOOGLE CLOUDS

LINUX



AWS MODULES

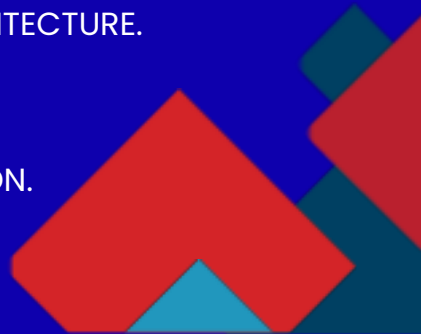
- AWS BASICS.
- DESIGNING HIGHLY SCALABLE SYSTEMS.
- IDENTITY ACCESS MANAGEMENT.
- ELASTIC COMPUTE CLOUD.
- AMAZON VIRTUAL PRIVATE CLOUD.
- AMAZON STORAGE SERVICES.
- AMAZON ROUTE 53.
- DATABASE MANAGEMENT.
- APPLICATION SERVICES.
- SECURITY PRACTICES FOR CLOUD DEPLOYMENT.
- DISASTER RECOVERY.
- TROUBLESHOOTING.





MICROSOFT AZURE MODULES

- MANAGE AZURE IDENTITIES AND GOVERNANCE.
- IMPLEMENT & MANAGE STORAGE.
- DEPLOY AND MANAGE AZURE COMPUTE RESOURCES.
- CONFIGURE AND MANAGE VIRTUAL NETWORKING.
- MONITOR AND BACKUP AZURE RESOURCES.
- DESIGN A GOVERNANCE SOLUTION.
- DESIGN AUTHENTICATION SOLUTIONS.
- DESIGN AUTHORIZATION.
- DESIGN A SOLUTION FOR LOGGING AND MONITORING.
- DESIGN FOR HIGH AVAILABILITY.
- DESIGN A SOLUTION FOR BACKUP AND RECOVERY.
- DESIGN A SOLUTION FOR NON-RELATIONAL DATA.
- DESIGN A SOLUTION FOR RELATIONAL DATA.
- DESIGN DATA INTEGRATION.
- DESIGN A COMPUTE SOLUTION.
- DESIGN AN APPLICATION ARCHITECTURE.
- DESIGN A NETWORK SOLUTION.
- DESIGN MIGRATIONS.
- DESIGN FOR COST OPTIMIZATION.



GCP MODULES

- CLOUD BASICS: DISCUSS WHAT THE CLOUD IS AND WHY IT'S A TECHNOLOGY AND BUSINESS GAME CHANGER.
- USER INTERFACE: DESCRIBE THE DIFFERENT WAYS A USER CAN INTERACT WITH GOOGLE CLOUD.
- COMPUTE: DISCOVER THE COMPUTE OPTIONS IN GOOGLE CLOUD.
- STORAGE: IMPLEMENT A VARIETY OF STRUCTURED AND UNSTRUCTURED STORAGE MODELS.
- MANAGED SERVICES: DISCUSS THE DIFFERENT APPLICATION MANAGED SERVICE OPTIONS IN THE CLOUD.
- SECURITY: OUTLINE HOW SECURITY IN THE CLOUD IS ADMINISTERED IN GOOGLE CLOUD.
- NETWORKS: DEMONSTRATE HOW TO BUILD SECURE NETWORKS IN THE CLOUD.
- AUTOMATION: IDENTIFY CLOUD AUTOMATION AND MANAGEMENT TOOLS.
- BIG DATA: DISCOVER A VARIETY OF MANAGED BIG DATA SERVICES IN THE CLOUD.
- MACHINE LEARNING: EXPLAIN WHAT MACHINE LEARNING IS, THE TERMINOLOGY USED, AND ITS VALUE PROPOSITION.

LINUX MODULES

- LINUX BASICS
- INSTALLATION
- QUICKSTART
- FILES & FILE SYSTEM
- PROCESSES
- I&O REDIRECTION
- COMMUNICATION IN LINUX
- PRINT & EMAIL
- TEXT EDITORS
- LINUX VIRTUAL TERMINALS
- LINUX ADMINISTRATION



MAJOR TOOLS

- AZURE BLOCK BLOB.
- AZURE RESOURCE MANAGER
- AZURE SECURITY CENTER
- AMAZON DYNAMODB
- AZURE CONTAINER SERVICE
- AMAZON EC2
- AMAZON ECS
- AMAZON EFS
- AWS CLOUDFORMATION
- AMAZON ELB
- AWS CLOUDWATCH
- AWS IAM
- AMAZON S3
- VIRTUAL MACHINES
- AZURE COSMOSDB
- ELASTIC BEANSTALK & OTHERS



PROGRAM ROADMAP

Enrollment

Course Activation

Internship & Capstone
Project.

Mentorship Sessions

Gig Works

Placement





CERTIFICATE

OF ACHIEVEMENT

DEVOPS ENGINEER

This Certificate is Presented To :

SAMIR KUMAR

THIS IS TO CERTIFY THAT

Has successfully graduated from the Devops Program having completed all mandated course requirements and industry projects with distinction

ALOK JHA
DIRECTOR

AJAY PRAKASH
CEO

HIRING/INTERNSHIP PARTNERS



accenture



Deloitte



HCL



Andhra Pradesh



EDUCATION PARTNERS



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