VIRAJE TECH

CERTIFIED GCP

PROGRAM BROCHURE

Google Cloud

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VIRAJETECH
E - Learning Platform

WHY VIRAJETECH?

"OUR VISION"

To be the safest, most progressive Technology Provider, relentless in the pursuit of Client and employee excellence

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Virajetech's Placement Team has garnered a reputation for the industry's most exceptional placement records. Their dedicated efforts have facilitated the successful transition of thousands of aspirants into flourishing careers .

Google Cloud

EXPERT TRAINERS

10+year experianced and Industry Experts

Elite Faculty from Prestigious universities with deep research and coaching expertise

JOB ASSISTANCE

End to End job Support

Personalized resume and interview preparation support Job updates and connects

COMPREHENSIVE

30 hours & 700+ Learning Hrs.
Syllabus aligned with virajetech standards and rigorously updated to match with latest industry requirements

REALTIME EXPERIENCE

Projects and Internships
20 capstone projects and 1 client projects with active interaction Internship -developing POCs

PROGRAM STRUCTURE

- THE COURSE FOR BEGINNER'S PROFESSIONALS AND INTERMEDIATE LEARNERS IN THE FIELD OF
- AWS THIS IS A CAREER- ORIENTED PROGRAM, DESIGNED TO IMPART A STRONG FOUNDATION

- PRE COURSE SELF- STUDY HIGH QUALITY VIDEOS
- EASY LEARNING APPROACH.
- CERTIFICATIONS
- JOB READY PROGRAM

- LIVE TRAINING
- 30 HOUR A WEEK
- COMPREHENSIVE SYLLABUS
- HANDS-ON PROJECTS
- EXPERT TRAINERS AND MENTORS

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Google Cloud Platform Cloud Architect

WHY GCP?

GCP courses are essential in the IT industry, providing professionals with crucial skills to harness Google Cloud Platform's (GCP) robust cloud computing services. In the rapidly evolving IT landscape, businesses increasingly rely on cloud solutions for improved scalability and efficiency. GCP courses cover diverse topics, including IaaS, PaaS, and SaaS, empowering IT professionals to adeptly implement cloud-based solutions. The inclusion of data analytics, machine learning, and AI tools further enhances the relevance of these courses in meeting the industry's demand for advanced technologies. As organizations continue to migrate to the cloud, GCP-certified professionals are highly sought after, making these courses instrumental in shaping successful IT careers.

1 **Introduction to Cloud Computing and Google Cloud Platform**

- *Introduction to Cloud Computing*
- *Evolution and key concepts*
- *Cloud service models (IaaS, PaaS, SaaS)*
- *Cloud deployment models (Public, Private, Hybrid)*
- *Overview of Google Cloud Platform (GCP)*
- *GCP core services*
- *GCP regions and availability zones*
- *GCP pricing model*

2 **GCP Data Storage Services**

- *Compute Engine*
- *Creating and managing virtual machines*
- *Custom machine types and preemptible instances*
- *Autoscaling and load balancing*
- *Google Kubernetes Engine (GKE)*
- *Containerization concepts*
- *Deploying and managing containers with GKE*

3   GCP Networking Services

- *Virtual Private Cloud (VPC)*
- *VPC creation and configuration*
- *Subnets, routes, and firewalls*
- *VPC peering and shared VPCs*
- *Cloud Load Balancing*
- *HTTP(S), TCP/UDP load balancing*
- *Global load balancing*
- *Traffic splitting and session affinity*
- *Cloud Interconnect and VPN*
- *Direct Peering and Carrier Peering*
- *VPN setup and configuration*
- *Hybrid connectivity options*

4   GCP Identity and Access Management (IAM)

- *IAM Concepts and Best Practices*
- *Principles of least privilege*
- *Roles and permissions*
- *Service Accounts*

5   Data Storage and Databases

- *Cloud SQL*
- *Managed relational database service*
- *High availability and backups*
- *Cloud Spanner*
- *Globally distributed, horizontally scalable database*
- *Strong consistency and transactions*
- *Cloud Firestore and Bigtable*

6 GCP Security and Compliance

- *Security Principles in GCP*
- *Data encryption in transit and at rest*
- *Identity and access management*
- *Security logging and monitoring*
- *Compliance in GCP*
- *Industry-specific compliance standards*
- *Auditing and logging for compliance*

7 GCP Solutions Architecture

- *Designing Scalable and Resilient Architectures*
- *Best practices for high availability*
- *Disaster recovery planning*
- *GCP DevOps Tools and Practices*
- *Google Cloud Build and Container Registry*
- *Deployment Manager and Infrastructure as Code (IaC)*
- *Continuous integration and continuous deployment (CI/CD)*

8 GCP Management Tools and Monitoring

- *Stackdriver Monitoring and Logging*
- *Monitoring GCP resources*
- *Logging and alerting*
- *Deployment Manager*
- *Automating infrastructure deployment*
- *Template-based provisioning*

9   GCP Advanced Services

- *Machine Learning on GCP*
- *AI and ML services*
- *AutoML and custom model training*
- *Internet of Things (IoT) on GCP*
- *Cloud IoT Core and Pub/Sub*
- *Device management and data processing*

10   Case Studies and Capstone Project

- *Real-world GCP Architecture Case Studies*
- *Successful GCP implementations*
- *Lessons learned and best practices*
- *Capstone Project*
- *Applying knowledge to design a GCP-based solution*

11   Cloud Storage – Datastore

- *Cloud Storage Datastore03:20*
- *How Datastore Scales using Bigtable05:06*
- *Consistency in Cloud Datastore05:52*
- *Cloud Datastore09:18*
- *Entity Group in Datastore*

11 Advanced Topics in GCP Data Engineering

- *Strategies for large-scale data workflows*
- *Serverless data processing options in GCP*
- *Benefits and limitations of serverless data solutions*
- *Exploring advanced features in GCP data services*
- *Best practices for optimizing data engineering workflows*
- *Performance tuning in large-scale data processing*
- *Emerging trends in data engineering with GCP*
- *Preparing for advanced GCP data engineering certifications*
- *Impact of advanced data engineering on business outcomes*

INTERNSHIP

Explore valuable internship opportunities with us! Join a dynamic and innovative environment, collaborate on real-world projects, and enhance your skills. We're seeking motivated individuals with a passion for learning and strong communication skills. This internship offers hands-on experience, exposure to industry best practices, and potential career pathways.

VIRAJETECH EXPERTISE CLASS

PLACEMENT ASSISTANCE TEAM

PROJECT MENTORING
35 hours Live Mentoring in industry projects

DOUBTS SESSIONS
Twice a week, Live doubts session from mentors and experts

JOB COUNSELLING
Mapping your profile to suitable job role

INTERVIEW QUESTIONS
Frequently asked interview questions course included

ALUMINI CONNECT
Connect with successful Alumni to learn from experience

RESUME SUPPORT
Personalized resume creation support from professionals

PLACEMENT ASSISTANCE

Microsoft   IQVIA   genpact   Capgemini

cognizant   SymphonyAI   wipro

EXAMROOM.AI   Affine   SagasIT Analytics   amazon   accenture

SUTHERLAND   TATA CONSULTANCY SERVICES   Mercedes-Benz   HCL

OUR LEARNER'S FEED BACK

HIGHEST LEVEL OF CUSTOMER DELIGHT

ruchi s
1 review · 3 photos
★★★★★ 3 months ago

VirajeTech has been a game-changer for me. Their training courses have provided me with the skills I needed to excel in my career 4X. The instructors and Arjun sir are passionate about what they do, and it shows in their teaching. Hands on and practical way of teaching, I highly recommend VirajeTech to anyone looking to further their knowledge and skills

Anoop G
6 reviews
★★★★★ 3 months ago

Getting placed at Amency was a dream come true, and I owe a big thank you to VirajeTech for making it possible. The instructors were experts in their field, and they created a supportive learning environment. The hands-on approach and practical exercises made all the difference.

Sachidanand Shahane
3 reviews
★★★★★ 7 months ago

I am part of the AWS Associate master Class. The course was designed in a fashion that we are able to cover most of the content in a very short time. our trainer Kumar sir clarified any doubt we had and also pushed us to do the practicals which is really helpful in the learning process. Hi having vast knowledge and experience in Devops and Multi cloud platform(AWS,Azure,GCP),he provide the opportunity to get as much knowledge and guidance as possible. each session are interactive has real time use cases.

Sayali Gawde
2 reviews
★★★★☆ a year ago

Thanks for the AWS tutoring by Virajtech. The best decision I have taken in my career so far. Instructor was very helpful and gave all possible solutions related to the problem which we faced in real time scenarios. This is what I have experienced in this course, a very practical and beneficial one.

Piyush Poply
2 reviews
★★★★★ 3 years ago

I am connected with this organization since its inception. This is one of the best places to learn, practice and grow your skills up to the standards of the industry. As in IT industry, maintaining your skills and updating yourself is the most important thing, we should never stop learning and this is exactly what this institute provides. The online classes are really great as well as the trainers.

Harpreet Singh
12 reviews
★★★★★ 7 months ago

Give very detailed explanation and also live teaching classes. Covering all latest topics which for sure help in getting jobs in today's market

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ADMISSIONS AND CONTACTS

ENQUIRE FOR DETAILED INFORMATION FOR ENROLLMENT

DURATION:35 HOURS
LEARNING : ONLINE MODE

b 1st floor, 64, 3rd Cross Rd, Electronics City Phase 1, Electronic City, Bengaluru, Karnataka 560100
PHN NO:8618501719

8 HRS/WEEK   **8 HRS/WEEK**   **4 HRS/WEEK**

SELF STUDY   **+**   INSTRUCTOR LED LIVE ONLINE LEARNING   **+**   PROJECTS & ASSESSMENTS

20 HOURS A WEEK COMMIMENT

GCP IS RATED AS **THE TOP CAREER**

HIGHEST PAID –RECESSION PROOF –MILLIONS OF JOBS

TAKE YOUR FIRST STEP TOWARDS GCP CAREER

ENQUIRE NOW

VIRAJETECH
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THANK
you