



CERTIFIED GCP

PROGRAM BROCHURE



Google Cloud

TABLE OF CONTENTS

- why virajetech?
- Program structure
- why GCP
- Content
- Internship
- Virajetech expertise classes
- job ready programs
- our learner's feedback
- Admissions and contacts

WHY VIRAJETECH?

"OUR VISION"

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

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 .



EXPERT TRAINERS

10+year experienced and

Industry Experts

Elite Faculty from Prestigious universities with deep research and coaching expertise



COMPREHENSIVE

30 hours & 700+ Learning Hrs.

Syllabus aligned with virajetech standards and rigorously updated to match with latest industry requirements

JOB ASSISTANCE

End to End job Support

Personalized resume and interview preparation support Job updates and connects

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

PROGRAM STRUCTURE

- THE COURSE FOR BEGINNERS 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

Google Cloud Platform Developer



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 GCP for Developers

- *Overview of GCP services for developers*
- *Introduction to cloud-based development*
- *Key concepts and terminologies in GCP development*
- *GCP's role in modern application development*
- *Cloud advantages over traditional development approaches*
- *Overview of compute, storage, and networking in GCP*
- *Significance of GCP development in the cloud*
- *Real-world use cases of GCP development solutions*
- *Importance of scalability in application development*
- *Career opportunities in GCP development*

2. Fundamentals of Application Design

- *Understanding Application Design Patterns*
- *Embracing Cloud-Native Software Development*
- *Utilizing Message Buses*
- *Using Deployment Methodologies*
- *Best Practices for Application Design*
- *Application Design in Summary*
- *Cloud-Native Application Design Principles*

3.Developing Applications with GCE

- ***Comparing Google Compute Engine***
- ***Deploying to Compute Engine***
- ***Using Bootstrap Scripts in Google Compute Engine***
- ***Managing Google Compute Engine Images and Instance Groups***
- ***Global Load Balancing with Google Compute Engine***
- ***Operating Compute Engine***
- ***Understanding Service Accounts on Google Compute Engine***
- ***Troubleshooting a Failed Google Compute Engine Deployment***
- ***Google Compute Engine in Summary***
- ***Google Compute Engine***

4.Developing Applications with GKE

- ***Comparing Google Kubernetes Engine***
- ***Deploying to GKE***
- ***Deploying WordPress and MySQL to GKE***
- ***Advanced GKE Deployments***
- ***Deploying GKE Rolling Updates***
- ***Configuring the NGINX Ingress Controller on GKE***
- ***Using ConfigMaps on GKE***
- ***Operating GKE***
- ***Troubleshooting GKE Deployments***
- ***Google Kubernetes Engine in Summary***
- ***Google Kubernetes Engine***

5.Developing Serverless Applications

- *Comparing Serverless Platforms*
- *Creating Cloud Functions*
- *Create an HTTP Google Cloud Function*
- *Triggering a Cloud Function with Cloud Pub/Sub*
- *Contrasting Cloud Run*
- *Cloud Run Deployments with CI/CD*
- *Developing Serverless APIs*
- *Using Google APIs*
- *Serverless Applications in Summary*
- *GCP Serverless Products*

6.Application Performance Monitoring

- *Cloud Logging*
- *Cloud Monitoring*
- *Install and Configure Monitoring Agent with Google Cloud Monitoring*
- *Cloud Error Reporting*
- *Real-Time Troubleshooting with Google Cloud Error Reporting*
- *Cloud Debugger*
- *Cloud Trace*
- *Discovering Latency with Google Cloud Trace*
- *Application Performance Monitoring in Summary*
- *GCP Application Performance Monitoring*

7.GCP Compute Services for Developers

- *Google Kubernetes Engine (GKE) for containerized applications*
- *Compute Engine for scalable virtual machine instances*

- *Serverless computing with Cloud Functions*
- *Overview of GCP's managed services for developers*
- *Best practices for efficient application development*
- *Configuring and optimizing compute resources*
- *Security considerations in GCP application development*
- *Managing access controls for compute resources*
- *Cost considerations in GCP compute services*

8.GCP Networking for Developers

- *Cloud Load Balancing for distributing traffic*
- *Cloud Interconnect and VPN for hybrid connectivity*
- *DNS and CDN services in GCP*
- *Networking security best practices*
- *Configuring network settings for application development*
- *Integrating networking services into applications*
- *Real-world use cases of GCP networking solutions*
- *Performance optimization strategies for networking*
- *Cost considerations in networking solutions*

9.GCP DevOps Tools and CI/CD for Developers

- *Cloud Build for continuous integration*
- *Source code repository integration with Cloud Source Repositories*
- *Deployment Manager for infrastructure as code*
- *Best practices for CI/CD in GCP*
- *Configuring and optimizing CI/CD pipelines*
- *Security considerations in CI/CD processes*
- *Monitoring and logging in CI/CD workflows*
- *Real-world use cases of CI/CD in GCP development*

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



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

ALUMNI CONNECT

Connect with
successful Alumni to
learn from experience

RESUME SUPPORT

Personalized resume
creation support from
professionals

PLACEMENT ASSISTANCE



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

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



20 HOURS A WEEK COMMITIMENT



GCP IS RATED AS **THE TOP CAREER**
HIGHEST PAID – RECESSION PROOF – MILLIONS OF JOBS



TAKE YOUR FIRST STEP TOWARDS GCP CAREER

ENQUIRE NOW

THANK you



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