★ AI-INTEGRATED COURSE

NXT CERTIFIED GOOGLE CLOUD PLATFORM DEVELOPER

Launch your cloud career with Google Cloud expertise!

Duration: 1 Year | **Certificate** · Advanced | **Eligibility:** Candidates should have a basic understanding of programming

OVERVIEW OF THE COURSE

The NxT Certified Google Cloud Platform Developer course is designed to equip students with the essential skills needed to build scalable and reliable applications on Google Cloud. This comprehensive program covers various aspects of cloud development, including architecture, security, and data management. Hands-on experience wi...

- Hands-on experience with Google Cloud services
- Expert mentorship and guidance
- Real-world projects for practical skills
- Prepare for Google Cloud certification
- Learn cloud security best practices



1 Year	10	4	13
DURATION	SUBJECTS	PROJECTS	TOOLS

JOIN NOW →

WhatsApp us

WE ARE AVAILABLE AT
600+ LOCATIONS

NOT SURE WHICH COURSE IS RIGHT FOR YOU?
Choose the Best Course for You - Try our AI-Powered Career Counselling for FREE

Start free →

YOUR NEAREST ISDM NxT CENTRE
VMS Technocrats Solutions
61A, VMS TECHNOCRATS SOLUTIONS, Opp to Underdog Gym, Kuntrathur Main Road, Kumananchavadi, Mangadu Contonment, Mangadu, Chennai-600122, Tamil Nadu, Tamil Nadu - 600122
Call / WhatsApp: **99658389000** · vms.technocratssolutions@gmail.com

Scan to enquire

COURSE CURRICULUM

What you will learn

01 Subjects → | 02 Projects → | 03 Tools → | 04 AI Integration

01 Subjects & modules

8 subjects with the topics you will learn

01 Introduction to Google Cloud Platform (GCP) & Cloud Fundamentals

- Cloud Computing Fundamentals
- GCP Infrastructure And Global Network
- Core Compute, Storage, And Networking
- Big Data And AI/ML Services
- GCP Identity And Access Management
- Compute Engine VM Deployment And Management
- Google Kubernetes Engine

02 GCP Networking & Security Best Practices

- VPC Network Structure And Configuration
- Firewall Rules And Route Management
- VPC Peering And Hybrid Connectivity
- Load Balancers And Cloud CDN
- Cloud Interconnect And VPN
- Firewall Security Best Practices
- Identity-Aware Proxy And Zero Trust

03 Cloud Native Development & Serverless Computing

- App Engine Deployment And Scaling
- App Engine Security And Monitoring
- Event-Driven Cloud Functions
- Cloud Functions Deployment And Triggers
- Cloud Run Containerization And Deployment
- Cloud Build And CI/CD Pipelines

04 Data Engineering & Big Data Analytics

- BigQuery Data Warehousing And SQL
- Batch And Stream Processing With Dataflow
- Spark And Hadoop With Dataproc
- Real-Time Messaging With Pub/Sub
- Workflow Automation With Cloud Composer
- Data Visualization And Reporting

05 Machine Learning & AI Services in GCP

- Google AI Services And Setup
- Pretrained Vision Language And Speech APIs
- Vertex AI Model Development And Deployment
- No-Code Machine Learning With AutoML
- TensorFlow Training On Google Cloud
- MLOps And CI/CD Pipelines

06 DevOps & Infrastructure as Code

- DevOps Fundamentals And GCP Setup
- CI/CD Pipelines And Artifact Registry
- Application Deployment With GKE And Cloud Run
- Terraform Workflows, State, Modules, And CI/CD
- Deployment Manager Configurations And Templates
- Kubernetes Orchestration, Networking, And Security
- Cloud Monitoring, Logging, And Alerting

07 Multi-Cloud & Hybrid Cloud Solutions

- Multi-Cloud And Hybrid Cloud Strategies
- Architecture And Core Components
- Anthos Deployment And Management
- Cross-Cloud Networking And Storage
- Cloud Run Multi-Cloud Deployments
- Workload Migration Strategies
- Multi-Cloud Security And Compliance

08 Capstone Project & Career Guidance

- Industry-Specific Cloud Use Cases
- End-To-End Cloud Project Development
- Google Cloud Cost Optimization
- Professional Cloud Developer Certification Prep
- Resume And Technical Interview Preparation
- Cloud Freelancing And Startup Opportunities
- Building A Complete Real-World GCP Solution

02 Projects & assignments

Hands-on work for your portfolio

P1 Develop a web application using Google App Engine

P2 Create a serverless function with Google Cloud Functions

P3 Implement a data storage solution using Google Cloud Firestore

P4 Build a CI/CD pipeline using Google Cloud Build

03 Tools & software you will master

4 industry tools

- Google Cloud Platform
- Docker
- Kubernetes
- BI — BigQuery

04 AI Integration

How AI is used inside the work of this course

AI SUBJECT

AI Fundamentals & Prompt Engineering

- **AI Basics and Everyday Uses**
- **Generative AI: How It Works**
- **Prompt Engineering Foundations**
- **AI for Study and Workplace Tasks**
- **Fact-Checking and Reliable Research**
- **Privacy, Safety and Responsible Use**
- **Integrated Practice and Review**

AI SUBJECT

AI for Programming & Web Development

- **AI Pair Programming Setup: VS Code and GitHub Copilot**
  GitHub Copilot in VS Code: Sign in, use inline suggestions and Chat, then try agent mode o
- **AI-Assisted Front-End Development**
  GitHub Copilot in VS Code: Use inline suggestions and Chat while building and refining a r
- **Python Coding and AI Agents in the Editor and Terminal**
  Claude Code in Terminal and project files: Install or access it using the current official
- **GitHub Team Workflow and AI Code Review**
  GitHub Copilot code review in GitHub pull requests: Request a review on a practice pull re
- **Calling AI APIs from Your Own App**
  OpenAI API in A local app or server-side project: Create an API key with available account
- **AI-Assisted Testing, Debugging and Documentation**
  GitHub Copilot Chat in VS Code: Use project context to suggest tests or explain a failure,
- **AI-Assisted Deployment and Final Project**
  GitHub Copilot in VS Code: Ask for help preparing or explaining deployment files, then rev

AI TOOLS YOU WILL USE

- CH — ChatGPT
- Google Gemini
- GitHub Copilot
- VS Code
- GitHub
- Claude
- MC — Microsoft Copilot
- Perplexity
- NotebookLM

CAREER OPPORTUNITIES

Where this course can take you

Cloud Developer
Fresher salary: ₹3.0-5.0 LPA*

Cloud Solutions Architect
Fresher salary: ₹4.5-7.0 LPA*

DevOps Engineer
Fresher salary: ₹3.5-6.0 LPA*

Cloud Consultant
Fresher salary: ₹3.0-5.5 LPA*

Software Engineer specializing in Cloud Technologies
Fresher salary: ₹3.0-6.0 LPA*

Freelancing & own business

- Cloud application development projects
- Cloud consulting for businesses
- Data analysis and reporting services
- Setting up cloud infrastructure for clients

Industries that hire

- Information Technology
- E-commerce
- Finance
- Healthcare
- Telecommunications

Grow further

- NxT Certified Data Science Specialist
- NxT Certified DevOps Engineer
- NxT Certified AI Engineer

Certification

Upon passing the final assessment, you will receive the NxT Certified Google Cloud Platform Developer certificate from ISDM NxT.

Practical AI-integrated project **Final online test** **Verifiable certificate**

JOB SUPPORT

How we help you get a job

1
Resume building and review

2
Mock interviews to prepare

3
Job offers shared via dashboard

4
Job application assistance

* Typical fresher salary ranges in India; the actual salary depends on the employer, the city and your skills.

WHY START NOW

Your future is built by the skills you learn today.

Companies hire people who can do the work. People who use AI well at work are in demand - this course teaches you the job skills and the AI tools together. Every month you practise adds a project to your portfolio - the best time to start is now.

18+	600+	2,708+	390+
Years of training experience	Centres across India	Job offers to our students	Hiring companies

UNIQUE FEATURES AT ISDM NxT

- ✓ Free pre-counselling to choose the right course
- ✓ Study material, attendance, assignments, exams and results online from day one
- ✓ 24x7 AI trainer (ChatNxT) for your doubts
- ✓ Experienced, rated trainers and daily class feedback
- ✓ Practical lab sessions and live projects
- ✓ Monthly online mentorship sessions
- ✓ Resume, mock interviews and job offers in your student dashboard
- ✓ Freelancing and start-up guidance

● LIVE PLACEMENT DATA

Latest job offers to ISDM NxT students

Updated 20 Nov 2026



Gaurav M.
India
Java Software Development Engineer
Health Catalyst



Geeta K.
New Delhi
tellecaller for digital marketing
balajimarketingexperts



Anand S.
Muvattupuzha
Hiring Junior Account Executive J...
CorpZop



Adarsh S.
Ghugus
TGT Computer Science
Adani Foundation



Priyanka Y.
Mumbai
Data Entry Operator (Full-time) -...
CorpZop



Rajan S.
Ahilyanagar
Computer Trainer
Enlearning skill development Ltd

Job offers shared with our students through the ISDM NxT job network. See all at isdmnext.in/latest-placement

LIMITED SEATS · VALID TILL 30 NOV 2026

FREE Ambassador Affiliate Programme

Complete your admission within **10 days** and join the ISDM NxT Ambassador Affiliate Programme free of cost: refer friends, earn referral rewards as per the programme and get featured on the ambassador leaderboard.

CLAIM NOW

TAKE THE FIRST STEP

Book your FREE counselling session today

Meet our counsellor, see the lab, get your doubts answered and know the current fees and offers for your centre.

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Choose the Best Course for You

Try our AI-Powered Career Counselling for FREE - answer a few questions and get the courses that fit your interests, skills and career goal.

Try it FREE →
isdmnext.in/course-for-you

01
Counselling
Free guidance to pick the right course

02
Training
Practical classes, labs and projects

03
Mentoring
Experts, AI trainer and feedback

04
Placement support
Resume, interviews and job offers

What you get with this course

- Comprehensive study material
- Practical lab sessions
- Live projects for hands-on experience
- 24x7 AI trainer support
- AI career counselling
- Interview preparation assistance
- Job offers in student dashboard
- Certification upon completion

ISDM NxT Head Office: 309, Saffron Plaza, Airport Road, Vadodara, Gujarat, 390022 · +916263625594 · inquiry@gmail.com

Fees depend on the centre and current offers - ask your counsellor. Course content may be updated to stay current with industry needs. · isdmnext.in