ISDM Independent Skill Development Mission NXT

EMPOWERING FUTURES,
SHAPING TOMORROW

★ 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
**Flairs Technologies**
No. 4, Chidambaranagar(East), Thoothukudi - 628008, Tamil Nadu - 628008
Call / WhatsApp: **7598577757** · info@flairs.in

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.

YOUR ISDM NxT CENTRE

## Flairs Technologies

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Scan for course details & enquiry

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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