

★ AI-INTEGRATED COURSE

# NXT CERTIFIED MICROSOFT AZURE DEVELOPER

**Become a cloud expert with Microsoft Azure skills!**

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

## OVERVIEW OF THE COURSE

The NxT Certified Microsoft Azure Developer course is designed to equip aspiring developers with the skills and knowledge needed to create cloud applications and services. This comprehensive program covers a wide array of topics including Azure architecture, development, testing, and deployment of cloud-based applications. Hands...

- Hands-on Azure experience
- Learn cloud security best practices
- Real-world project exposure
- Master Azure DevOps tools
- Comprehensive curriculum




| 1 Year | 10 | 4 | 12 |
|---|---|---|---|
| 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
**Telangana computer skill development career academy -TGCSDC ACADEMY**
TGCSDC Academy, Shop No 20, MPDO Complex, Ramayampet-502101, District- Medak,Telangana, Telagana - 502101
Call / WhatsApp: **9676246387** · tgcsdc.academy@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 Microsoft Azure & Cloud Computing Basics

- Cloud Computing Concepts And Benefits
- Public Private And Hybrid Clouds
- Azure Features Services And Use Cases
- Azure Portal CLI And PowerShell
- Azure Free Tier And Subscriptions
- Azure Regions Zones And Resource Groups
- Azure Cost Management And Pricing

### 02 Azure Compute Services & Virtualization

- Azure Virtual Machines And Pricing
- Windows And Linux VM Deployment
- Azure App Service Applications
- AKS And Container Instances
- Azure Functions And Logic Apps
- Compute Monitoring And Auto-Scaling

### 03 Azure Networking & Security

- Virtual Networks And Subnetting
- Load Balancing And Traffic Management
- Firewalls And Network Security Groups
- VPN Gateway And ExpressRoute Connectivity
- Front Door And DDoS Protection

### 04 Azure Storage & Databases

- Azure Storage Accounts And Services
- Blob, File, Queue, And Table Storage
- Storage Security And Lifecycle Management
- Azure SQL Database And Cosmos DB
- Azure Data Factory ETL Pipelines
- Azure Backup And Disaster Recovery

### 05 DevOps & CI/CD in Azure

- DevOps And Agile Principles
- Azure Repos And Boards
- Azure Pipelines And CI/CD
- Azure Artifacts And Package Management
- Pipeline Testing And Deployment Strategies
- Pipeline Security And Debugging
- Azure Monitoring And Log Analytics

### 06 Azure AI, Machine Learning & IoT

- Azure AI Services And OpenAI
- Chatbot Development And Language Services
- Azure ML Model Training And Deployment
- IoT Hub And Edge AI
- Synapse Data Warehousing And Analytics
- Power BI Dashboards And Business Intelligence

### 07 Advanced Azure Topics & Security Best Practices

- Azure Security And Compliance Foundations
- Identity And Access Management
- Network Security And Firewalls
- Data Encryption And Key Vault
- Security Monitoring And Incident Response
- Compliance And Security Best Practices
- Key Vault Secrets, Keys, And Certificates

### 08 Capstone Project & Career Opportunities

- Project Proposal And Design Review
- Azure Compute And Networking
- Secure Azure Data Storage
- CI/CD And Performance Optimization
- Final Testing, Debugging, And Documentation

## 02 Projects & assignments

Hands-on work for your portfolio

**P1** Build a scalable web application using Azure App Services.

**P2** Implement a CI/CD pipeline using Azure DevOps.

**P3** Develop a cloud-based RESTful API with Azure Functions.

**P4** Create a data processing solution using Azure Logic Apps.

## 03 Tools & software you will master

4 industry tools

- Microsoft Azure
- Visual Studio
- Azure DevOps
- GitHub

## 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
- Claude
- MC Microsoft Copilot
- Perplexity
- NotebookLM

CAREER OPPORTUNITIES

# Where this course can take you

**Azure Developer**
Fresher salary: ₹3.0-5.0 LPA*

**Cloud Solutions Architect**
Fresher salary: ₹4.0-7.0 LPA*

**DevOps Engineer**
Fresher salary: ₹4.5-6.5 LPA*

**Cloud Consultant**
Fresher salary: ₹3.5-5.5 LPA*

### Freelancing & own business

- Develop cloud applications for clients
- Offer Azure consulting services
- Create custom DevOps solutions
- Build and manage cloud infrastructure

### Industries that hire

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

### Grow further

- NxT Certified Cloud Solutions Architect
- NxT Certified DevOps Engineer
- Advanced courses in AI & Machine Learning

## Certification

Upon completing the course and passing the final assessment, you will receive the ISDM NxT certificate, validating your skills in Microsoft Azure development.

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

JOB SUPPORT

# How we help you get a job

**1** Resume building workshops

**2** Mock interview sessions

**3** Job application assistance

**4** Access to job openings

* 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

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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
- Hands-on practical lab sessions
- Live project 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