★ AI-INTEGRATED COURSE

NXT CERTIFIED AWS CLOUD DEVELOPER

Launch your career as an AWS Cloud Developer!

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

OVERVIEW OF THE COURSE

The NxT Certified AWS Cloud Developer course is designed to equip you with the essential skills required to develop and maintain applications on the Amazon Web Services (AWS) platform. Over the span of one year, you'll engage in hands-on learning and real-world projects that will prepare you for a successful career in cloud deve...

- Hands-on learning with real-world projects
- Master AWS services and security practices
- Collaborate on team-based projects
- Expert instructors with industry experience
- Flexible learning to fit your schedule



1 Year	9	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
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Scan to enquire

COURSE CURRICULUM

What you will learn

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

01 Subjects & modules

7 subjects with the topics you will learn

01 Introduction to Cloud Computing & AWS Fundamentals

- Cloud Computing Concepts And Characteristics
- Public Private And Hybrid Clouds
- IaaS PaaS And SaaS
- Cloud Computing Benefits And Challenges
- Cloud Storage And Virtual Machine Deployment
- Major Cloud Providers
- AWS Global Infrastructure

02 AWS Compute & Serverless Services

- EC2 AMIs And Instance Configuration
- EC2 Key Pairs And SSH Access
- Security Groups And Firewall Rules
- Elastic Load Balancers
- Auto Scaling Groups And Policies
- Lambda Functions And Serverless Computing
- Lambda Deployment And AWS Integrations

03 AWS Databases & Security

- Amazon RDS Setup And Management
- DynamoDB Data Modeling And Operations
- Aurora Architecture And Scaling
- AWS Shared Responsibility And Compliance
- IAM Policies And Permissions
- KMS Key Management And Encryption

04 AWS Networking & DevOps

- VPC Architecture And Configuration
- VPC Security And Access Controls
- Route 53 DNS And Traffic Routing
- Direct Connect And VPN Connectivity
- CodeCommit And CodeBuild
- CodePipeline CI/CD Workflows
- CI/CD Deployment And Monitoring

05 Advanced AWS Development & AIML on AWS

- AWS Step Functions Workflow Automation
- SNS And SQS Messaging
- Machine Learning With SageMaker
- Image Processing With Rekognition
- AWS IoT Core And Device Messaging
- Greengrass Edge Computing And Machine Learning

06 AWS Serverless & Microservices

- Lambda And API Gateway Fundamentals
- Serverless Framework Setup And Deployment
- ECS Microservices And Container Management
- Fargate Serverless Container Deployment
- Serverless API Development And Security
- Monitoring And Debugging Serverless Apps
- Scaling, Optimization, And Use Cases

07 AWS Security, Performance Optimization & Compliance

- Security Hub Monitoring And Remediation
- Data Security And Encryption
- AWS Cost Management And Optimization
- Well-Architected Framework And Workload Reviews
- AWS Compliance Standards And Reporting
- AWS Governance And Access Controls

02 Projects & assignments

Hands-on work for your portfolio

P1 Build a scalable web application using AWS Lambda and API Gateway.

P2 Create a serverless application with AWS DynamoDB and S3.

P3 Implement a CI/CD pipeline for automated deployment using AWS CodePipeline.

P4 Design and deploy a multi-tier application architecture on AWS.

03 Tools & software you will master

4 industry tools

- AWS
- Docker
- Git
- Jenkins

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

AWS Cloud Developer
Fresher salary: ₹3.0-5.0 LPA*

Cloud Solutions Architect
Fresher salary: ₹4.0-6.0 LPA*

DevOps Engineer
Fresher salary: ₹3.5-5.5 LPA*

Cloud Consultant
Fresher salary: ₹3.2-5.2 LPA*

Cloud Systems Administrator
Fresher salary: ₹3.0-4.5 LPA*

Freelancing & own business

- Offer cloud development services
- Create and manage AWS-hosted applications
- Consult for cloud migration projects
- Develop serverless applications for clients

Industries that hire

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

Grow further

- Advanced AWS Architect Course
- Cloud Security Certification
- Machine Learning Specialization
- DevOps Engineering Course

Certification

Receive an ISDM NxT certificate upon passing the final assessment, showcasing your AWS skills.

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

JOB SUPPORT

How we help you get a job

1 Resume building assistance

2 Mock interview sessions

3 Access to job offers

4 Guidance on job applications

* 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

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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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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 project experience
- 24x7 AI trainer support
- AI-driven career counselling
- Interview preparation resources
- Job offers in student dashboard
- Certificate 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