ISDM Independent Skill Development Mission NXT

EMPOWERING FUTURES,
SHAPING TOMORROW

★ AI-INTEGRATED COURSE

NXT CERTIFIED ANDROID DEVELOPER

Launch your career as a skilled Android Developer!

Duration: 6 Month | **Certificate** · Advanced | **Eligibility:** Basic knowledge of programming concepts. A passion for mobil

OVERVIEW OF THE COURSE

The NxT Certified Android Developer course is designed to equip you with the essential skills and knowledge required to become a proficient Android developer. Over a duration of 6 months, you will engage in hands-on learning, real-world projects, and in-depth tutorials that cover the Android ecosystem. Learn Android app developm...

- Hands-on learning with real-world projects
- Master Java and Kotlin programming languages
- Build user-friendly mobile applications
- Explore advanced topics like Firebase
- Learn from industry experts



6 Month	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
Matrizon Technologies
L-3, 25th street, Annanagar East, Chennai - 600 102., Tamil Nadu - 600102
Call / WhatsApp: **8754572168** · ashoka@matrizontech.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 Android Development & Programming Basics

- Android OS And Market Trends
- Android Studio And Emulator Setup
- Android Project Structure And Gradle
- Variables Data Types And Operators
- Control Flow And Loops
- Functions And Methods
- Java Classes Objects And Constructors

02 UIUX Design in Android

- Android Layout Types
- UI Components And Inputs
- ListView And RecyclerView
- Adapters And ViewHolder Patterns
- Material Design Components And Guidelines
- Styles Themes And Drawable Customization
- Animations And Motion Transitions

03 Activity, Fragments & Navigation

- Activity Lifecycle And State Management
- Passing Data Between Activities
- Fragment Lifecycle And Transactions
- Bottom And Drawer Navigation
- Alerts, Snackbars, And Dialog Fragments
- Deep Linking And Navigation Graphs

04 Data Storage – SQLite, Room, Firebase

- Android Local Storage Options
- SharedPreferences And Key-Value Storage
- Internal And External File Storage
- SQLite Database And CRUD Operations
- Room Entities, DAOs, And LiveData
- Firebase Realtime Database And Firestore
- Firebase Authentication And Cloud App Integration

05 Networking & APIs – RESTful APIs & JSON

- API Fundamentals And Workflows
- API Types And REST Vs SOAP
- HTTP Methods, Requests, And JSON
- API Authentication, Limits, And Errors
- Retrofit Setup And API Requests
- Fetching And Displaying API Data
- Firebase Push Notifications

06 Advanced Android Development

- Background Processing With AsyncTask And Coroutines
- Background Task Scheduling With WorkManager And JobScheduler
- Dependency Injection Concepts And Benefits
- Dagger And Hilt Integration
- Location Tracking And Permission Handling
- Google Maps Integration And Directions
- Geolocation-Based Weather App Development

07 Testing, Debugging & Deployment

- Android Debugging With Logcat
- Breakpoints, Network, And Memory Debugging
- Profiling And Performance Optimization
- JUnit And Espresso Testing
- Test-Driven Development And Mockito
- Release Builds And App Signing
- Google Play Publishing And Monetization

08 Capstone Project & Career Opportunities

- Selecting An Android App Project
- Building A Complete Android App
- Resume And Interview Preparation
- Showcasing Apps On GitHub And Play Store
- Freelancing And Startup Opportunities
- Presenting And Submitting The Final Project

02 Projects & assignments

Hands-on work for your portfolio

P1 Create a personal finance management app.

P2 Develop a social media application with user authentication.

P3 Build a weather forecasting app using RESTful APIs.

P4 Implement a to-do list application with local storage.

03 Tools & software you will master

4 industry tools

- Android Studio
- Java
- Kotlin
- SQLite

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

Android Developer
Fresher salary: ₹3.0–4.5 LPA*

Mobile Application Developer
Fresher salary: ₹3.2–4.8 LPA*

Software Engineer
Fresher salary: ₹3.5–5.0 LPA*

Freelance Android Developer
Fresher salary: ₹2.5–4.0 LPA*

Technical Consultant
Fresher salary: ₹3.8–5.5 LPA*

Freelancing & own business

- Develop custom Android apps for clients
- Create and sell apps on app stores
- Offer app maintenance and updates
- Provide consulting services for mobile solutions

Industries that hire

- Information Technology
- Mobile App Development
- E-commerce
- Gaming
- Education Technology

Grow further

- Advanced Mobile App Development
- iOS Developer Certification
- Full Stack Development Course
- Cloud Computing Essentials

Certification

Upon successful completion, you'll receive an ISDM NxT certificate that showcases your skills in Android development.

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

JOB SUPPORT

How we help you get a job

1. Personalized resume building assistance
2. Mock interviews with industry experts
3. Access to job offers through the dashboard
4. Guidance on job applications and follow-ups

* 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

Matrizon Technologies

L-3, 25th street, Annanagar East, Chennai - 600 102., Tamil Nadu - 600102

Call: 8754572168

WhatsApp: 9444147765

Email: ashoka@matrizontech.com

ENQUIRE NOW | **WhatsApp** | **Call 8754572168**

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 project experience
- 24x7 AI trainer support
- AI career counselling
- Interview preparation resources
- 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