ISDM Independent Skill Development Mission NXT

EMPOWERING FUTURES,
SHAPING TOMORROW

★ AI-INTEGRATED COURSE

# NXT CERTIFIED FULL STACK DEVELOPER

## Become a Full Stack Developer and build web solutions with AI

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

### OVERVIEW OF THE COURSE

Build skills in front-end and back-end development in this one-year, AI-integrated course. Learn HTML, CSS, JavaScript, React or Angular, Node.js, Express.js, database management, testing, and deployment. Learn to use AI tools in web development: practise writing prompts, get support with code, explore solutions, and assist with...

- Learn frontend and backend development
- Build responsive full-stack web applications
- Practise with frameworks and databases
- Develop and deploy a capstone project
- Use AI tools to support coding




| 1 Year | 10 | 4 | 17 |
|---|---|---|---|
| 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 Full Stack Development & Frontend Basics

- Full-Stack Architecture And Workflow
- Development Tools And Version Control
- HTML Document Structure
- CSS Styling And Layouts
- Responsive Design With Media Queries
- JavaScript Variables, Data Types, And Operators

### 02 Advanced JavaScript & Frontend Frameworks

- Arrow Functions, Spread And Rest
- Promises And Async/Await
- Working With APIs Using Fetch And Axios
- React Components, Props And State
- React Hooks: useState And useEffect
- Conditional Rendering And Forms
- Routing With React Router

### 03 Backend Development with Node.js & Express.js

- JavaScript Runtime And Event Loop
- Node.js File System And Modules
- Asynchronous Programming In Node.js
- Express Setup And Routing
- Middleware, Routes, And Controllers
- Database Integration And CRUD APIs
- JWT Authentication And Token Management

### 04 Database Management

- Relational And NoSQL Database Concepts
- SQL Queries And CRUD Operations
- PostgreSQL Setup And Node.js CRUD
- MongoDB Documents And CRUD
- MongoDB REST API Development
- Mongoose Models And Middleware
- Express Database Connectivity

### 05 Advanced Full Stack Development

- Full Stack Project Structure
- React And Node.js Integration
- State Management And API Integration
- Role-Based Authentication And Access Control
- Google And Facebook OAuth
- Caching And API Optimization

### 06 DevOps & Deployment

- Git Version Control And Collaboration
- GitHub Pull Request Workflows
- Web App Deployment Platforms
- CI/CD Pipelines And Automation
- AWS EC2 And S3 Hosting
- Firebase Full-Stack Deployment
- Netlify And Heroku App Deployment

### 07 Testing, Debugging & Performance Optimization

- Chrome DevTools Debugging
- Frontend And Backend Error Handling
- JavaScript Testing With Jest And Mocha
- API Testing With Postman
- Code Splitting And Lazy Loading
- Image And Asset Optimization
- Performance Measurement And Optimization

### 08 Capstone Project & Career Development

- Full-Stack Project Development
- Feature Implementation And Optimization
- Resume And GitHub Portfolio
- Technical Interview Preparation
- Freelance Client Acquisition
- Scalable MVP Development
- Project Presentation Skills

## 02 Projects & assignments

Hands-on work for your portfolio

**P1** Develop a personal portfolio website showcasing your skills.

**P2** Create a RESTful API for a web application.

**P3** Build a full-stack e-commerce application.

**P4** Collaborate on a group project to develop a web-based solution.

## 03 Tools & software you will master

8 industry tools

HTML · CSS · JavaScript · Node.js · Express.js · React · Angular · SQL

## 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**

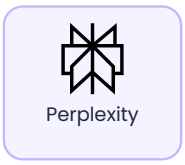
AI SUBJECT

### 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

ChatGPT · Google Gemini · GitHub Copilot · VS Code · GitHub · Claude · Microsoft Copilot


Perplexity


NotebookLM

CAREER OPPORTUNITIES

# Where this course can take you

**Full Stack Developer**
Fresher salary: ₹3.0-5.0 LPA*

**Web Application Developer**
Fresher salary: ₹2.5-4.5 LPA*

**Software Engineer**
Fresher salary: ₹3.0-5.5 LPA*

**Technical Consultant**
Fresher salary: ₹3.0-6.0 LPA*

**UI/UX Developer**
Fresher salary: ₹2.8-4.5 LPA*

### Freelancing & own business

- Build websites for local businesses
- Offer custom web applications
- Create and sell templates
- Consult on web development projects

### Industries that hire

- Information Technology
- E-commerce
- Finance
- Healthcare
- Education

### Grow further

- Advanced Web Development
- Mobile App Development
- Data Science and Analytics
- Cloud Computing Certification

## Certification

Upon successful completion, you will receive the NxT Certified Full Stack Developer certificate from ISDM NxT.

**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 to boost confidence
3. Access to job offers and applications
4. Networking opportunities with industry professionals

* 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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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-driven career counselling
- Interview preparation workshops
- Job offers in student dashboard
- Certification upon course 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