

ady.
ADYAPAN

Adyapan School

Android App Development



Duration - 2 months

Industry
Certification



Skill India Certified

250+
Partner Companies

From concept to code

Master **App**

Development.

From ideas to deployed apps - become industry-ready.

This immersive App Development program takes you beyond foundational concepts into real-world mobile and web application development. Learn UI integration, backend connectivity, APIs, database management, and deployment workflows through hands-on projects and guided builds. With a strong focus on practical implementation and industry use-cases, you'll graduate with the ability to design, develop, and launch scalable, user-centric applications with confidence.

8

MODULES

30+

PROGRAM OFFERINGS

20,000+

STUDENTS

250+ PARTNERED COMPANIES



ABOUT ADYAPAN SCHOOLS

Where education meets real-world impact

Not just a course - a platform to launch
your career.

Adyapan Schools was built with a single conviction:
learning works best when it happens in the real world.
We partner with top companies, mentors, and industry
platforms to ensure every student graduates with a
portfolio of work that speaks louder than a certificate.

Our programs combine rigorous coursework with live
client projects, giving you the skills and proof-of-work
that employers actually want.

MISSION

To equip ambitious learners with
practitioner-level digital
marketing skills through mentor-
led, project-based education that
bridges the gap between learning
and earning.



VISION

To be India's most trusted
launchpad for the next generation
of marketing leaders - defined
not by degrees but by the real
work.



Everything you need to grow fast

PROGRAM HIGHLIGHTS

Live Industry Projects

Work on campaigns for real brands alongside your coursework. Build portfolio projects that prove your expertise to employers.

1-on-1 Mentorship

Dedicated mentors from Google, Microsoft, Mastercard and more. Get personalized guidance and industry connections.



AI-Powered Marketing

Learn cutting-edge AI tools alongside evergreen fundamentals. Stay ahead of the curve in a rapidly evolving landscape.



Dual Certification

Earn both a Course Completion and Internship Certificate – accredited by Skill India Digital Hub and NSDC.



Internship Guarantee

Graduate with an internship completion certificate from a live brand project. Concrete, resume-ready proof of work.



Industry Network

Join a network of alumni at Amazon, Google, Adobe, Microsoft. Access exclusive hiring events and referral opportunities.

CURRICULUM

8 weeks. 8 modules. Infinite impact.

WEEK 1

Introduction to App Development & Setup

- Discussion of curriculum
- Understanding the app development lifecycle: design, development, testing, and deployment stages
- Comparing mobile vs web vs cross-platform apps
- Setting up development environments
- Overview of major frameworks
- Version control with Git and GitHub



WEEK 2

Frontend Development & UI Design

- Fundamentals of UI components, navigation patterns, and responsiveness in mobile interfaces
- Building layouts using XML, Jetpack Compose, and Flutter widgets for Android and iOS
- State management concepts
- UI/UX prototyping, wireframing and translating designs into code
- Debugging and UI testing to identify and fix interface issues



WEEK 3

Backend Development & Data Storage

- Server-side development using Node.js, Firebase, and Express for app backend functionality
- REST API design and database integration
- Real-time data sync and security rules configuration
- Local storage solutions for offline-first app functionality
- Repository pattern and MVVM architecture in Android for a clean and scalable code structure



8 weeks. 8 modules. Infinite impact.

WEEK 4

Cross-Platform & Hybrid Development

- React Native fundamentals
- API integration and state management in React Native for dynamic, data-driven screens
- Comparing Flutter, React Native, and native development
- Authentication implementation for secure user login and signup
- Building reusable component libraries in Flutter and React Native for faster development



WEEK 5

Integrating AI Features into Apps

- Overview of AI-powered app functionalities
- On-device AI implementation
- Integrating pre-trained models for personalization, image recognition, and smart search
- Chatbot integration into mobile applications
- Building recommendation engines that learn from user behavior data and usage patterns



WEEK 6

Automation & AI for Performance

- App performance optimization and analytics tracking
- Setting up CI/CD pipelines for automated build and testing
- Error monitoring and crash reporting using for production app stability
- AI for predictive bug detection and code stability
- Automating testing and personalization workflows using machine learning models



8 weeks. 8 modules. Infinite impact.

WEEK 7

Deployment & Scalability

- Preparing production builds for Google Play Store and Apple App Store submission
- App Store Optimization (ASO) and AI-based user behavior tracking for post-launch growth
- Implementing auto-scaling for high-traffic app handling
- Deploying backends and integrating CI/CD pipelines
- Data encryption, secure API calls, and vulnerability testing



WEEK 8

No-Code Solutions & Program Wrap-Up

- Overview of no-code and low-code platforms building app MVPs fast
- Building cross-platform MVPs without writing code for rapid idea validation and prototyping
- Integrating AI APIs into no-code apps to add intelligent features without complex development
- App monetization strategies



WHO THIS IS FOR

This course is perfect for

Students & Career Switchers

Aspiring Mobile App
Developers

Computer Science & IT
Students

Working Professionals in
Software & IT Domain

Web Developers Transitioning to
Mobile Apps

Startup Builders Creating Digital
Products

CERTIFICATIONS



ALUMNI NETWORK

Our alumni work at world-class companies

Amazon

Adobe

Google

Autodesk

Microsoft

Deloitte

Your career switch is one click away.

Ready to begin? Apply at adyapanschool.com or email us at support@adyapan.com

Apply Now