

# Complete App Development

## Course Details

### Module 01 •

#### Introduction to Cross-Platform Development

- Understanding Cross-Platform Development
- Exploring the Flutter framework for building native applications
- Integrating Flutter with the MERN or Java stack

### Module 02 •

#### Flutter Development\*

- Flutter Fundamentals: Widgets, Layouts, and Navigation
- State Management in Flutter
- Building UI Components and Custom Widgets
- Handling User Input and Gestures

### Module 03 •

#### Backend Integration

- Connecting Flutter Frontend with Backend APIs
- Implementing RESTful APIs in Node.js or Java
- Data Persistence and Storage

### Module 04 •

#### Deployment on Play Store

- Understanding the Play Store publishing process
- Generating signed APKs and App Bundles
- Uploading and Managing Applications on the Play Store

## Our Students Are Placed In



## Module 05 ●

### Live App Development Projects

- Collaborative Project Work in Teams
- Real-world Application Development using Flutter and Backend Technologies
- Implementation of Cross-Platform Development Concepts
- Agile Methodologies and Project Management

## Assessment and Certification ●

- Regular Quizzes and Assignments to Assess Understanding
- Final Project Presentation and Evaluation
- Course Completion Certificate

## Duration & Prerequisites ●

- The course is designed to be completed in 4 months.
- Basic knowledge of programming concepts and familiarity with either the MERN or Java stack is recommended.

## Who Should Enroll ●

- Individuals interested in developing cross-platform mobile applications using Flutter
- Mobile App Developers seeking to enhance their skills and build modern, responsive applications
- Entrepreneurs looking to develop mobile applications for Android platforms

Want to get placed as a software engineer ?

**80%**

Student Placed

**44LPA**

Highest Package

**10LPA**

Average Package

## Outcome

By the end of this course, participants will have a comprehensive understanding of cross-platform app development using Flutter and backend integration with the MERN or Java stack. They will be proficient in building native mobile applications, deploying them on the Play Store, and working with modern development tools and technologies.

## Our Mentors



**Vaibhav Goyal**

NIT WARANGAL

(Mentor : DSA and Full Stack)



**Drishti Mamtani**

BITS PILANI HYDERABAD

(Mentor : Data Science  
and Analytics Part)



**Shubham Mondal**

IIT KHARAGPUR

(Mentor : DSA and Coding)



## Our Students Are Placed In

