



**Sournaksh
Buildsoft**
Pvt. Ltd.



Website



Google Location

ONLINE OFFLINE COURSE

- C / C++

FULLSTACK

- JAVA 

- PYTHON 

- WEB TECH 

- ANDROID 

- CHATGPT / AI TOOLS

9+ YEARS
SOFTWARE
DEVELOPMENT
&
TRAINING
EXPERIENCE

4+ YEARS
CDAC
TRAINING
EXPERIENCE



SOURABH JAIN

CONTACT NOW



+91 844 656 1357

 [@techclassofeducation](https://www.instagram.com/techclassofeducation)



Techclass of Education TCE



www.techclassofeducation.com

Plot no. 123, Hudkeshwar road, Nilkanth nagar, near overhead water tank, Nagpur



MOBILE APP DEVELOPMENT

MOBILE APP DEVELOPMENT

FUNDAMENTALS OF MOBILE APP DEVELOPMENT

- INTRODUCTION TO NATIVE, HYBRID, CROSS-PLATFORM
- ANDROID VS IOS ECOSYSTEMS
- WHY FLUTTER AND REACT NATIVE?
- TOOLS SETUP: VS CODE, ANDROID STUDIO, EMULATORS

FLUTTER DEVELOPMENT (DART LANGUAGE)

- DART BASICS: VARIABLES, FUNCTIONS, OOP
- FLUTTER BASICS: WIDGETS, SCAFFOLD, MATERIALAPP
- LAYOUTS: ROWS, COLUMNS, CONTAINERS
- NAVIGATION AND ROUTING
- FORMS AND INPUT VALIDATION
- STATE MANAGEMENT: `SETSTATE`, LIFTING STATE UP
- HTTP REQUESTS WITH `HTTP` PACKAGE
- API INTEGRATION
- LOCAL DB: `SQFLITE`, `HIVE`
- AUTHENTICATION (FIREBASE OR CUSTOM API)
- FIREBASE INTEGRATION (AUTH + FIRESTORE)
- CUSTOM WIDGETS
- PROVIDER OR RIVERPOD STATE MANAGEMENT
- PUSH NOTIFICATIONS (FCM)
- BACKGROUND SERVICES
- ANIMATIONS AND TRANSITIONS
- APP DEPLOYMENT (ANDROID APK/AAB, IOS VIA CI/CD)
- PLATFORM CHANNELS (DART <-> KOTLIN/JAVA)

REACT NATIVE DEVELOPMENT (JAVASCRIPT/TYPESCRIPT)

- JAVASCRIPT / TYPESCRIPT BASICS
- REACT NATIVE COMPONENTS, JSX, STYLESHEETS
- FLEXBOX LAYOUTS
- NAVIGATION (REACT NAVIGATION)
- HANDLING INPUTS AND FORMS
- USESTATE AND USEEFFECT HOOKS
- API CALLS (AXIOS/FETCH)
- REDUX OR REDUX TOOLKIT
- ASYNCSTORAGE
- FIREBASE (AUTH + FIRESTORE)
- CAMERA, GALLERY, PERMISSIONS
- MAPS AND GEOLOCATION
- PUSH NOTIFICATIONS (EXPO/FCM)
- BACKGROUND TASKS
- NATIVE MODULES & LINKING
- ANIMATIONS (REANIMATED/LOTTIE)
- OPTIMIZATION AND CODE SPLITTING
- APP SIGNING AND DEPLOYMENT (APK & IOS)

ONLINE/OFFLINE COURSE

DAILY VIDEO RECORD
CODE BASED TRAINING
COMPLETE PRACTICAL

PROJECT OF EVERY TECHNOLOGY

RESTFUL APIS & CRUD OPERATIONS

DATABASE INTEGRATION

AUTHENTICATION & SECURITY

WEBSOCKETS & REAL-TIME COMMUNICATION

FILE UPLOADS & BACKGROUND JOBS

PROJECT ON FULLSTACK

CONTACT NOW



+91 844 656 1357

www.techclassofeducation.com

Plot no. 123, Hudkeshwar road, Nilkanth nagar, near overhead water tank, Nagpur



MOBILE APP DEVELOPMENT

MOBILE APP DEVELOPMENT

JAVA BASICS

- SYNTAX, VARIABLES, DATA TYPES
- CONDITIONALS, LOOPS
- FUNCTIONS AND OOP BASICS
- CLASSES, INHERITANCE
- ANDROID PROJECT STRUCTURE (MANIFEST, GRADLE)
- ACTIVITIES, INTENTS, SERVICES
- NATIVE ANDROID APIS (CAMERA, STORAGE)

KOTLIN BASICS

- SYNTAX VS JAVA
- VAL VS VAR, NULL SAFETY
- FUNCTIONS, LAMBDA
- EXTENSION FUNCTIONS
- KOTLIN IN FLUTTER PLUGINS
- PERMISSIONS, INTENTS

BONUS: TOOLS AND DEVOPS

- - GIT & GITHUB
- - DEBUGGING TOOLS
- - TESTING ON REAL ANDROID DEVICE
- - CI/CD (CODEMAGIC, APP CENTER, EXPO)
- - APP PUBLISHING (PLAY STORE, APP STORE)

CAPSTONE PROJECTS

- - FLUTTER: CHAT APP / E-COMMERCE APP
- - REACT NATIVE: TODO APP WITH REDUX
- - MULTI-PLATFORM NEWS APP
- - PERSONAL FINANCE TRACKER

ONLINE/OFFLINE COURSE

DAILY VIDEO RECORD

CODE BASED TRAINING

COMPLETE PRACTICAL

PROJECT OF EVERY TECHNOLOGY

RESTFUL APIS & CRUD OPERATIONS

DATABASE INTEGRATION

AUTHENTICATION & SECURITY

WEBSOCKETS & REAL-TIME COMMUNICATION

FILE UPLOADS & BACKGROUND JOBS

PROJECT ON FULLSTACK

CONTACT NOW



+91 844 656 1357

www.techclassofeducation.com

Plot no. 123, Hudkeshwar road, Nilkanth nagar, near overhead water tank, Nagpur



BONUS PART

ONLINE/OFFLINE COURSE

DAILY VIDEO RECORD

CODE BASED TRAINING

COMPLETE PRACTICAL

PROJECT ON EVERY TECHNOLOGY

FREE INERNSHIP

JOB ASISTANCE

AND

JOB CALL

PROVIDE

HOW TO USE CHATGPT / AI TOOLS IN CODE



Website

FOR MORE DETAILS
VISIT OUR WEBSITE
OR
VISIT OUR PLACE



Google Location

 [@techclassofeducation](https://www.instagram.com/techclassofeducation)



 Techclass of Education TCE



www.techclassofeducation.com

Plot no. 123, Hudkeshwar road, Nilkanth nagar, near overhead water tank, Nagpur



CONTACT NOW



+91 844 656 1357