



CAMPUS

SYLLABUS FOR REACT NATIVE DEVELOPMENT COURSE

www.b2bcampus.com

RENDER

- 01 Introduction to React Native
- 02 React Native Fundamentals
- 03 UI Design in React Native
- 04 Navigation and Routing
- 05 Data Management and APIs
- 06 Advanced Topics
- 07 Deployment and Publishing
- 08 Real-World Projects
- 09 Testing and Debugging in React Native
- 10 Capstone Project

INTRODUCTION TO REACT NATIVE

- Introduction to React Native
- Setting up the development environment
- Creating your first React Native app
- Understanding JavaScript ES6 for React Native

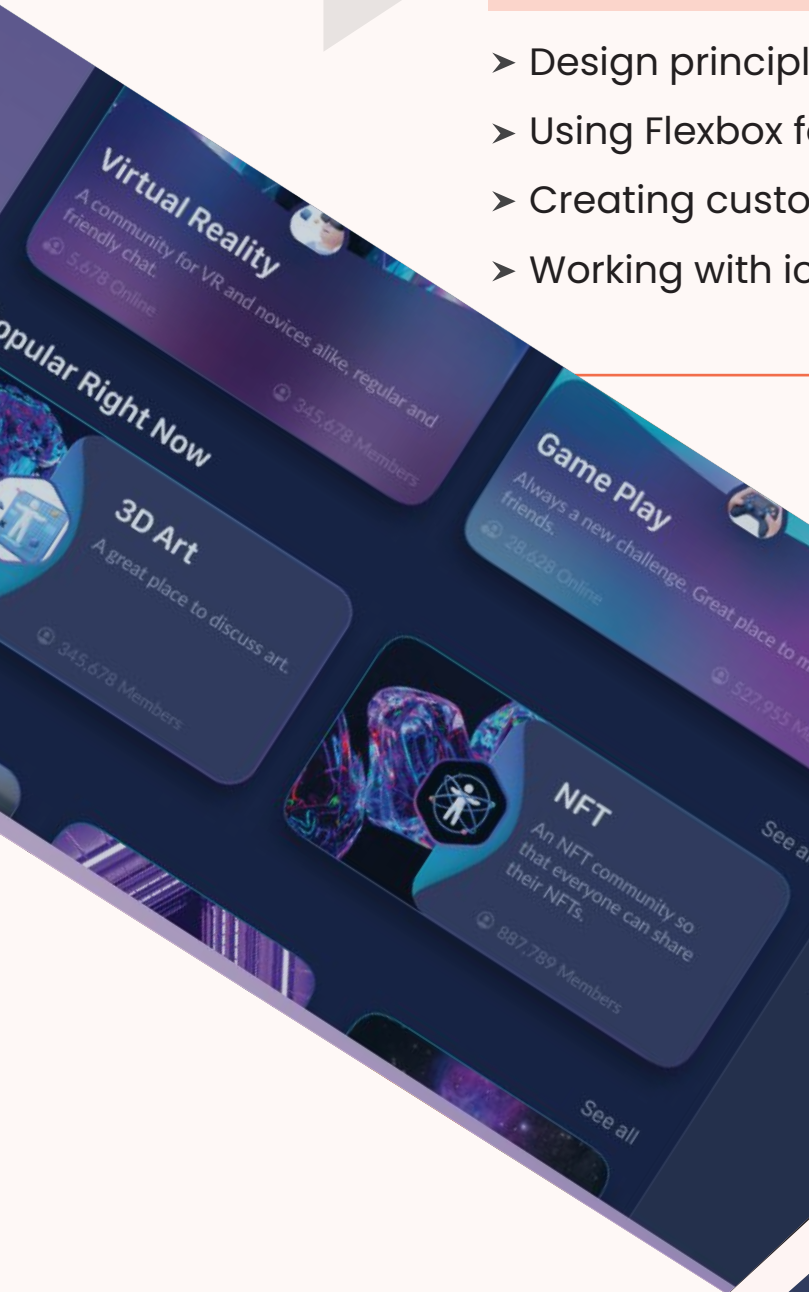
REACT NATIVE FUNDAMENTALS

- Components and JSX
- Styling in React Native
- State management with hooks
- React Navigation for app navigation



UI DESIGN IN REACT NATIVE

- Design principles and best practices
- Using Flexbox for layout
- Creating custom components
- Working with icons and images



NAVIGATION AND ROUTING

- Navigation options in React Native
- Stack and tab navigation
- Routing and deep linking
- Navigation best practices



DATA MANAGEMENT AND APIS

- Fetching data from APIs
- Managing app state with Redux or Context API
- AsyncStorage for local data storage
- Integrating third-party libraries

ADVANCED TOPICS

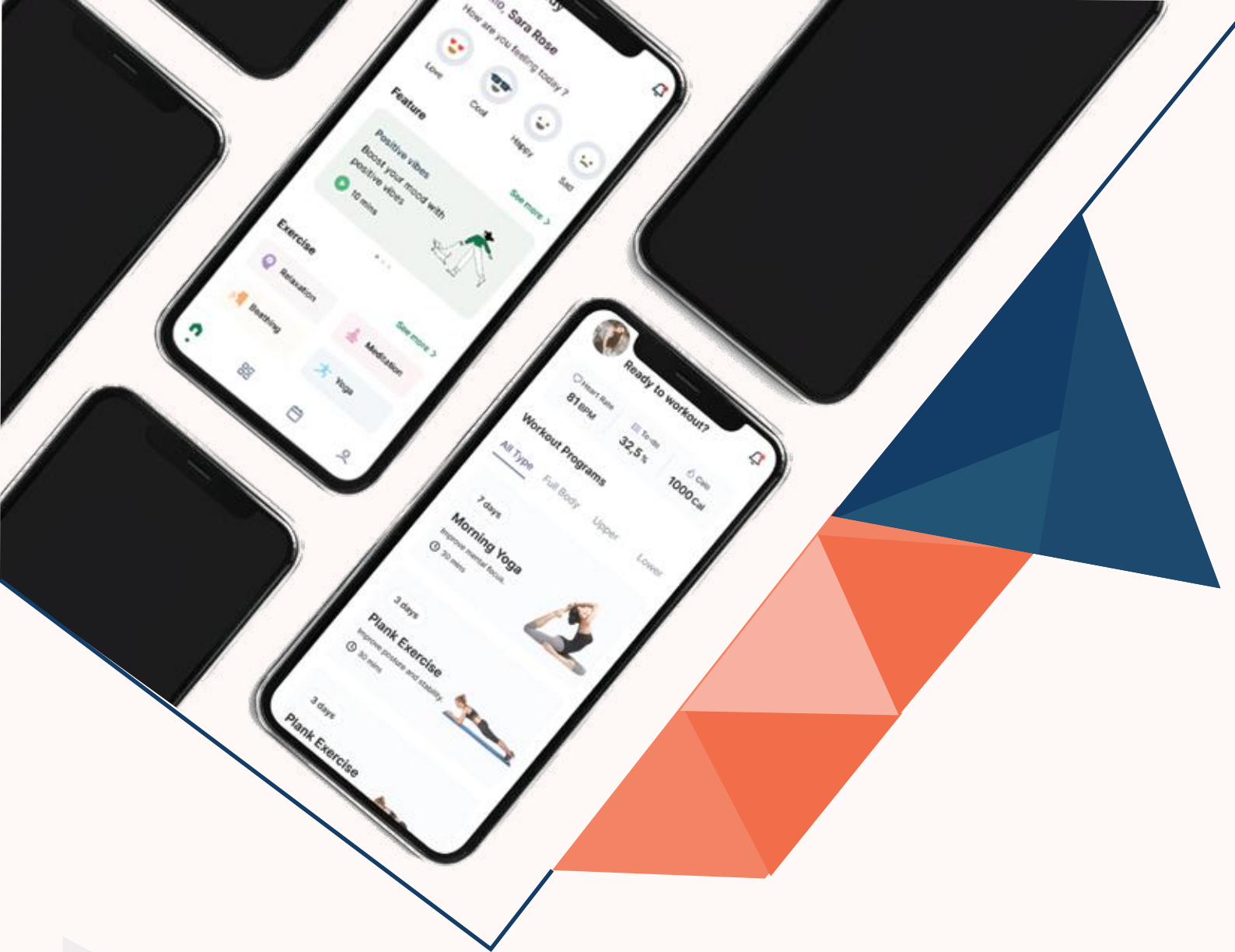
- Animation and gestures
- Debugging and error handling
- Performance optimization
- Internationalization and localization



DEPLOYMENT AND PUBLISHING

- Preparing your app for release
- Building and signing your app
- Deploying to Google Play Store and Apple App Store
- App maintenance and updates





REAL-WORLD PROJECTS

- Working on practical projects to apply learned concepts
- Collaborative development and code reviews
- Project presentations and demonstrations



TESTING AND DEBUGGING IN REACT NATIVE

- Writing unit and integration tests for React Native apps
- Debugging techniques and tools
- Profiling and performance analysis
- Handling common debugging scenarios



CAPSTONE PROJECT

- A larger, independent project to showcase your skills
- Designing and building a complete React Native app
- Project documentation and presentation