



ionic

Full Course



ROLASOFT PROFESSIONAL COMPUTER & IT
COURSES VERSION 2.0 LATEST

Diploma in Certified Ionic Mobile Application Developer

*Become a job-ready Ionics Developer in 6
months!*

Benefits of Studying Diploma in Ionic Mobile App with RolaSoft

✓ 1. Industry-Relevant Curriculum

Stay ahead with a syllabus designed by industry experts, focused on real-world applications of Ionics.

✓ 2. Hands-On Training

Learn by doing — build real-time projects, develop applications, and gain practical coding experience.

✓ 3. Experienced Instructors

Gain insights from certified professionals and senior software engineers with years of teaching and industry experience.

✓ 4. Placement Assistance

Access job support services including resume building, mock interviews, and direct placement opportunities with partner companies.

✓ 5. Flexible Learning Modes

Choose between: **Online**, **Offline (at our center)**, or **Hybrid Classes**

Benefits of Studying Diploma in Ionic Mobile App with RolaSoft

✓ 6. Mini & Major Projects

Work on individual and group projects to strengthen your portfolio and impress future employers.

✓ 7. Certification Upon Completion

Earn a **Diploma Certificate** from **RolaSoft Technologies**, recognized by IT recruiters and employers.

✓ 8. Small Batch Size

Personalized attention and better interaction in small groups for an enhanced learning experience.

✓ 9. Affordable Fees & Installment Plans

Top-tier training at a reasonable cost, with flexible payment options.

✓ 10. Career-Oriented Skills You'll Gain at RolaSoft Technologies

RolaSoft ensures you're job-ready with the right tech stack and practical knowledge.

Diploma in Ionic Mobile App Course Details



Duration

Six (6) Months



Schedule

Weekdays / Weekends



Learning Modes

Online, Offline (at our center), or Hybrid Classes



Start Date

New batches start every month — enroll now!



Eligibility

No prior experience required

Ionic Mobile App Prerequisites

- ✓ Basic knowledge of mathematics and logical reasoning
- ✓ Basic knowledge of JavaScript, TypeScript, HTML, and CSS
- ✓ Familiarity with Angular or React is recommended
- ✓ Understanding of REST APIs and UI/UX design concepts is a plus

Diploma in Ionic Mobile App – Program Details

Program Overview

This six-month course is designed to help learners build modern, high-performance mobile applications for **Android** and **iOS** using the **Ionic Framework**. Built on top of web technologies like **HTML**, **CSS**, and **JavaScript**, Ionic allows developers to use a single codebase to create cross-platform mobile apps.

Through a combination of **theory**, **hands-on labs**, and **projects**, students will gain practical experience in UI/UX design, API integration, device feature access, and app deployment. The course is ideal for beginners with some basic programming knowledge or web developers transitioning into mobile app development.

By the end of the program, students will be capable of designing, developing, debugging, and deploying full-featured mobile applications using Ionic with **Angular** or **React**, depending on the chosen track.

Diploma in Ionic Mobile App Course Curriculum

Month 1: Introduction to Ionic & App UI Development

- ✓ What is hybrid mobile development?
- ✓ Setting up development environment (Node, Ionic CLI, VS Code)
- ✓ Creating your first Ionic app
- ✓ Understanding Ionic project structure
- ✓ Using Ionic UI components: buttons, lists, cards, inputs
- ✓ **Hands-On:** Build a basic multi-screen app (e.g., to-do list), Explore styling and themes

Diploma in Ionic Mobile App Course Curriculum

Month 2: Angular/React Integration & Navigation

- ✓ Angular or React basics (depending on track)
- ✓ TypeScript fundamentals
- ✓ Routing and navigation between pages
- ✓ Working with forms and validation
- ✓ **Hands-On:** Create a multi-page form-based application (e.g., registration/login), Form validation and UI feedback

Diploma in Ionic Mobile App Course Curriculum

Month 3: Data Storage & Firebase Integration

- ✓ Working with Firebase: Firestore and Authentication
- ✓ Using RESTful APIs to retrieve/send data
- ✓ Local storage with Capacitor Storage or SQLite
- ✓ Authentication: signup, login, logout
- ✓ **Hands-On:** Build a user-authenticated app with Firestore data, Fetch and display data from APIs

Diploma in Ionic Mobile App Course Curriculum

Month 4: Accessing Native Device Features

- ✓ Using Capacitor Plugins (Camera, Geolocation, Filesystem, etc.)
- ✓ Device permissions and plugin installation
- ✓ Working with files, photos, and location data
- ✓ **Hands-On:** Create an app that takes photos and stores them, Use geolocation to display maps or user location

Diploma in Ionic Mobile App Course Curriculum

Month 5: Testing, Debugging & Deployment

- ✓ Testing and debugging with Chrome DevTools
- ✓ Using Android Studio Emulator
- ✓ Preparing APKs for Android deployment
- ✓ Intro to iOS deployment with Xcode (Mac required)
- ✓ App optimization and troubleshooting
- ✓ **Hands-On:** Test your apps on emulators and real devices, Generate a signed APK and install it on an Android device

Diploma in Ionic Mobile App Course Curriculum

Month 6: Final Project & Portfolio Development

- ✓ Full-stack project planning and execution
- ✓ GitHub portfolio setup
- ✓ Documentation and app presentation
- ✓ **Hands-On:** Plan, build, and deploy a fully functional mobile app using all learned concepts, Submit and present the final project with documentation, Upload the codebase to GitHub for portfolio

Tools & Technologies Used

Tools & Technologies Used for **Ionic Mobile Application** Course are:



Frontend

(HTML5, CSS3, JavaScript, TypeScript, Ionic Framework (v6+), Angular or React (track-based))



Mobile Integration

(Capacitor (Ionic's native runtime), Cordova (optional plugins), Native device APIs (camera, GPS, file system, etc.))



Backend & APIs

(Firebase (Firestore, Auth), RESTful APIs, SQLite or Capacitor Storage)



Development & Deployment

(Ionic CLI, Node.js, VS Code, Android Studio, Xcode (Mac), Chrome DevTools, Git & GitHub)

Final Capstone Project (End of 6 Months)

Students will complete an **industry-level project** in **Ionic Mobile Application** :

- ✓ Plan, build, and deploy a fully functional mobile app using all learned concepts, Submit and present the final project with documentation, Upload the codebase to GitHub for portfolio (Capstone Project)

Ionic Mobile App Learning Outcomes

By the end of this course, students will be able to:

- ✓ Build mobile applications with **Ionic** using a single codebase
- ✓ Use **Angular** or **React** for app logic and component architecture
- ✓ Integrate apps with **Firebase**, **APIs**, and **local storage**
- ✓ Access native device features using **Capacitor**
- ✓ Test and debug apps using **Chrome DevTools** and **Android Studio**
- ✓ Create a **portfolio of real mobile apps** hosted on GitHub
- ✓ Be job-ready for roles such as **Mobile App Developer**, **Hybrid App Developer**, or **Freelancer**

Certification Obtain

After completion of the program, the student will be awarded with a certificate:

Diploma in Certified Ionic Mobile Application Developer

The program also prepares students for industry certifications such as:

- ✓ Ionic Academy Certification
- ✓ Coursera / edX Professional Certificates
- ✓ Udemy Certified Courses
- ✓ Firebase Developer Certification (Complementary)

Ionic Mobile App Career Opportunities

- ✓ Hybrid Mobile App Developer
- ✓ Full-Stack Mobile App Developer
- ✓ Cross-Platform App Consultant
- ✓ Freelance Mobile & Backend Developer
- ✓ Mobile Data Analyst/Engineer

Who Should Take This Ionic Mobile App ?

Who Should Take This **Certified Ionic Mobile App**?

- ✓ Mobile developers looking to specialize in Ionic
- ✓ Web developers transitioning into mobile development
- ✓ Entrepreneurs and professionals wanting to build cross-platform mobile apps
- ✓ JavaScript, Angular, or React developers aiming to build hybrid mobile apps
- ✓ Students or professionals interested in learning cross-platform app development
- ✓ Entrepreneurs or freelancers wishing to create their own mobile apps
- ✓ Developers looking to expand their skillset with modern mobile frameworks

Rolasoft Technologies Services

Rolasoft Technologies – Services Offered

✓ **SOFTWARE DEVELOPMENT COMPANY**

(MOBILE APPLICATION, WEB APPLICATION, DESKTOP APPLICATION, CUSTOMIZED APPLICATION, E-COMMERCE WEBSITE)

✓ **PROFESSIONAL COMPUTER AND IT EDUCATION**

(TOP-UP PROGRAMS, DIPLOMA PROGRAMS, CERTIFICATE PROGRAMS, TECH @ SCHOOL, CORPORATE PROGRAMS, SIWES PROGRAMS, CUSTOMIZED PROGRAMS)

✓ **DIGITAL ADVERTISING AND BUSINESS BRANDING**

(SOCIAL MEDIA MARKETING, EMAIL MARKETING, CONTENT MARKETING, WEBSITE SEO, BRANDED CLOTHING, STICKERS AND TAG, CUSTOM BRANDING, AND MANY MORE)

✓ **INTERNATIONAL UNIVERSITY ADMISSION PROCESSING**

(AMERICA, UK, CANADA, EUROPE, AFRICA, AND MANY MORE)

Contact & Registration

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Enroll Today & Start Your Ionic Mobile App Journey!
Shape your future with Ionic Mobile App.