

Apache Cordova Training

COURSE CONTENT

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Multisoft Systems
B - 125, Sector - 2, Noida



(+91) 9810-306-956



info@multisoftsystems.com



www.multisoftsystems.com

About Multisoft

Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with top technologies to bring world-class one-on-one and certification trainings. With the goal to empower professionals and business across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training; project Based Training, comprehensive learning solution with lifetime e-learning access, after training support and globally recognized training certificates.

About Course

Apache Cordova training by Multisoft Systems is designed to equip learners with the skills to develop cross-platform mobile applications using a single codebase. This training focuses on creating hybrid apps using web technologies such as HTML5, CSS3, and JavaScript, making it easier to deploy applications across multiple platforms, including Android, iOS, and Windows.

Module 1: Introduction to Apache Cordova

- ✓ Overview of hybrid mobile application development
- ✓ Apache Cordova architecture and workflow
- ✓ Understanding the Cordova command-line interface (CLI)
- ✓ Native vs. hybrid vs. web apps

Module 2: Environment Setup

- ✓ Installing Node.js, Cordova, and required tools
- ✓ Setting up development environments for Android and iOS
- ✓ Creating the first Cordova project

Module 3: Project Structure and Basics

- ✓ Understanding Cordova project folders and files
- ✓ Config.xml configuration file
- ✓ Managing project platforms and plugins

Module 4: Building Cross-Platform Apps

- ✓ Using HTML5, CSS3, and JavaScript in Cordova
- ✓ Implementing UI/UX for hybrid applications
- ✓ Handling navigation and data storage

Module 5: Working with Cordova Plugins

- ✓ Introduction to Cordova plugins and APIs
- ✓ Accessing native features: Camera, GPS, Accelerometer, File System
- ✓ Managing third-party and custom plugins

Module 6: Debugging and Testing

- ✓ Debugging Cordova apps using Chrome DevTools

- ✓ Testing on emulators and real devices
- ✓ Performance optimization tips

Module 7: Deployment and Publishing

- ✓ Building apps for Android, iOS, and Windows
- ✓ Packaging apps for app stores
- ✓ Version control and maintenance