**Mobile App Security Best Practices**

Keeping in view the alarmingly rising number of security breach incidents through mobile apps since last year, large enterprises now need to stay ahead of cyber criminals and focus on finding security loopholes in their apps before anyone else does. When developing a new application, developers need to keep in mind that security has to be a part of design and development of the app and that they need to carry out mobile app security testing at regular intervals.

Here we give mobile app developers some best practices to adopt for mobile apps and data security:

* **Train Yourself for Mobile App Security Testing**

A proactive approach by training yourself of the security challenges you might face as an app developer will allow you to make robust applications. Think of all possible ways your software may get exploited. Once your code is up on the internet, it will be an easy target for hackers, unless you have worked hard on validation and authentication of its security.

* **Educate Yourself about Popular Security Frameworks**

This will allow you to gain enough knowledge to monitor how your application is performing and detect any suspicious activity. Understand how vulnerabilities can be addressed and follow the Common Weakness Enumeration (CWE) framework for your mobile app(s).

* **Keep Track of all Known Vulnerabilities in Your Field**

Subscribe to platforms such as Mitre, which enlist all Common Vulnerabilities and Exposures (CVE). Keep yourself updated with the latest patches.

* **Always stay vigilant and watchful towards attackers and follow best practices**

Do not assume that an attacker will be easy to catch. You need to scan and authenticate every single piece of information sent over to you.

* **Protect your App Data from Intruders**

To ensure every possible way to stop your app from being hacked, provide security on REST API which will make the data securely move back and forth.

* **Get help from a Penetration Tester**

Inferences drawn from a mobile app security testing conducted by a penetration testing during and after the app development will help in building a more secure and threat-prone application. Remind your developers repetitively about threats and vulnerabilities and keep them focused towards building quality throughout the process.