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## Training Program Information

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### **Certified Secure Programmer and Application Developer**

EC-Council's **Certified Secure Programmer** and **Certified Secure Application Developer** are being offered to provide the essential and fundamental skills to programmers and application developers in secure programming. The most prevalent reason behind buggy code and vulnerabilities being exploited by hackers and malicious code is the lack of adoption of secure coding practices.

The **Certified Secure Programmer** and **Certified Secure Application Developer** programs will ensure that programmers and developers are exposed to the inherent security drawbacks in various programming languages or architectures. They will be further trained to exercise secure programming practices to overcome these inherent drawbacks in order to pre-empt bugs from the code.

**Certified Secure Programmer** lays the basic foundation required by all application developers and development organizations to produce applications with greater stability and posing lesser security risks to the consumer. The **Certified Secure Application Developer** standardizes the knowledge base for application development by incorporating the best practices followed by experienced experts in the various domains.

The distinguishing aspect of **ECSP** and **CSAD** is that unlike vendor or domain specific certifications, it exposes the aspirant to various programming languages from a security perspective. This drives greater appreciation for the platform / architecture / language one specializes on as well as an overview on related ones.

#### Benefits

1. Exposure to a wide range of programming languages and train on well endorsed secure coding practices
2. Improve your employability in development organizations
3. Exposure to application development across platforms
4. Enhance skills on writing better code and improve efficiency
5. Build secure applications

#### Target Audience

The **ECSP** certification is intended for programmers who are responsible for designing and building secure Windows/Web based applications with .NET/Java Framework. It is designed for developers who have C#, C++ and Java development skills.