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When developing or building a system, it is important to implement secure coding throughout the development process. This means adopting a secure coding standard. By doing this, it sets a baseline of a type of rules for your developers to follow to help set guidance for how and what coding standards need to be followed. It also can help get the developers thinking about security throughout the process. Leaving security to the end can be much more costly than taking the time to implement security during the development process. When security is not implemented from the beginning it can mean costly time consuming rewrites of code to patch security vulnerabilities that could have been dealt with from the beginning.

Zero trust is another important element of security. When we assume nothing is safe, we constantly will seek ways to protect the data and information in our system. It is when we begin to think everything is safe and there are not vulnerabilities that new attacks could be developed and implemented without our knowledge. Implementing and following security policies is another vital part of the process. Having a policy in place of what needs to be followed helps set the tone and guides us in our principles.