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Module Three Journal

As a developer, conquering security is one of my top priorities, personally and professionally. For myself, I have already implemented the mindset needed to use secure methods when developing. What may be involved in my development process is reviewing websites such as Oracle's “Secure Coding Guide” and other references to whichever language I am using at the time. I believe security should be fluid throughout the software stack and development life cycle. It should be continually tweaked and adjusted as new vulnerabilities and bugs are identified.

When looking to transform a Devops pipeline, it is important to take it slow and start with a small test group. By doing this it can help identify what sort of issues may occur during the change to DevSecOps. This can ensure that the tech and software can change alongside the culture as well.

According to the article, the process to secure a DevOps lifecycle can take a while. First a high-level rapid risk assessment must be completed. Next the correct secure tools must be selected, then user keys, such as SSH keys must be obtained. The next step is to implement a privileged account hierarchy, API keys, and finally infrastructure protection controls. I would suggest following this plan, as it gives a great template and useful steps to follow.