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Module 1.3 Assignment

CSD380-DevOps

History of DevOps

DevOps began with the Agile Movement in the early 2000s. The word DevOps was thought up in 2009. After that DevOps kind of just exploded onto the scene. DevOps began as the combination of several different types of practices on the best way to run a company. These principles had been learned and practiced over several years. This combines not only leadership values for a company, but also how a company's manufacturing practice works. DevOps stands for development and operation. DevOps combines these two practices together. DevOps combines practices from The Lean Movement, The Agile Manifesto, and The Continuous Delivery Movement to come up with a new and improved practice.

The Lean Movement was part of the DevOps process. The Lean Movement is a process in which a company finds a way to improve upon their production and how it works. They make sure to check the time for how long a process takes and try to find a way to make that process faster. They also include the happiness of their team members and that there is good leadership. They watch this by using value stream mapping. This helps to show what can be improved upon and what is not working.

The Agile Manifesto was the beginning of the DevOps process. The manifesto was created by several different experts to create a better way to use software development. One of the big things about the manifesto was that there were to be smaller groups of people working together on coding. This would help to release programs more often.

The Continuous Delivery Movement was introduced at the 2006 Agile conference. The Continuous Delivery Movement was about trying to have programs produced more often and regularly. Having safe code available for deployment was a big part of the movement.

All these processes combined helped develop DevOps. Keeping these processes in mind DevOps uses Lean Management to help create a safe and secure working environment. The Agile Manifesto helps the DevOps process to focus on software issues and work in smaller groups to create coding. The Continuous Delivery Movement is to keep coding always safe and moving forward.

Source:

History of DevOps

By Aniket Gupta

Last updated: 21 May 2023

[History of DevOps - Scaler Topics](#)

The DevOps Handbook

by Gene Kim; Jez Humble; Patrick Debois; John Willis; Nicole Forsgren

[The DevOps Handbook](#)