



## **Module 6: Case Study**

### **- Integration of DevOps Tools with Jenkins**

## Problem Statement:

You have been hired as a DevOps Engineer in XYZ software company. They want to implement CI/CD pipeline in their company. You have been asked to implement this lifecycle as fast as possible. As this is a product-based company, their product is available on this GitHub link. <https://github.com/hshar/website.git>

Following are the specifications of the continuous integration:

1. Git workflow has to be implemented
2. CodeBuild should automatically be triggered once a commit is made to master branch or develop branch. If a commit is made to master branch, build and publish a website on port 82. If a commit is made to develop a branch, just build the product, do not publish.
3. Create a pipeline for the above tasks
4. Create a container with Ubuntu and Apache installed in it and use that container to build the code and the code should be on '/var/www/html'.