## **AWS CloudFormation Template for EC2 Instance**

AWSTemplateFormatVersion: "2010-09-09"  
Description: Automate package management on an EC2 instance  
Resources:  
 MyInstance:  
 Type: AWS::EC2::Instance  
 Properties:  
 InstanceType: t2.micro # Choose instance type  
 ImageId: ami-0abcd1234efgh5678 # Replace with a valid Amazon Linux 2 AMI ID  
 KeyName: my-key-pair # Replace with your key pair name  
 UserData:  
 Fn::Base64: !Sub |  
 #!/bin/bash  
 # Update all installed packages  
 sudo dnf update -y  
 # Install the Apache HTTP server  
 sudo dnf install -y httpd  
 # Start the HTTP server  
 sudo systemctl start httpd  
 # Enable the HTTP server to start on boot  
 sudo systemctl enable httpd