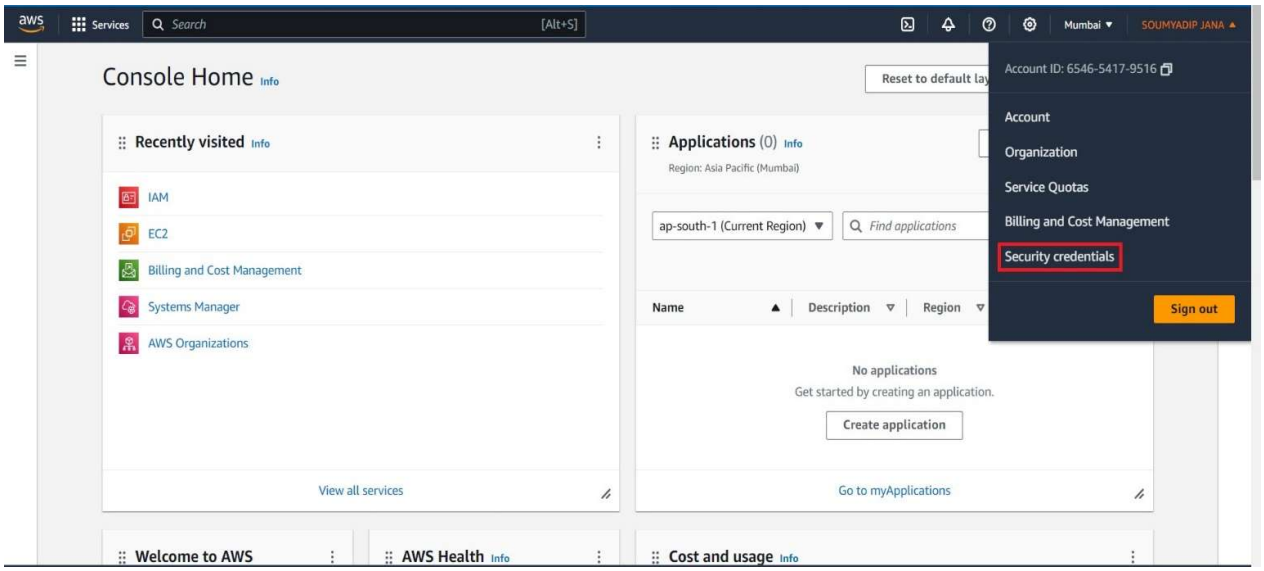
Assignment 2

Problem Statement: Create MFA for your AWS Account

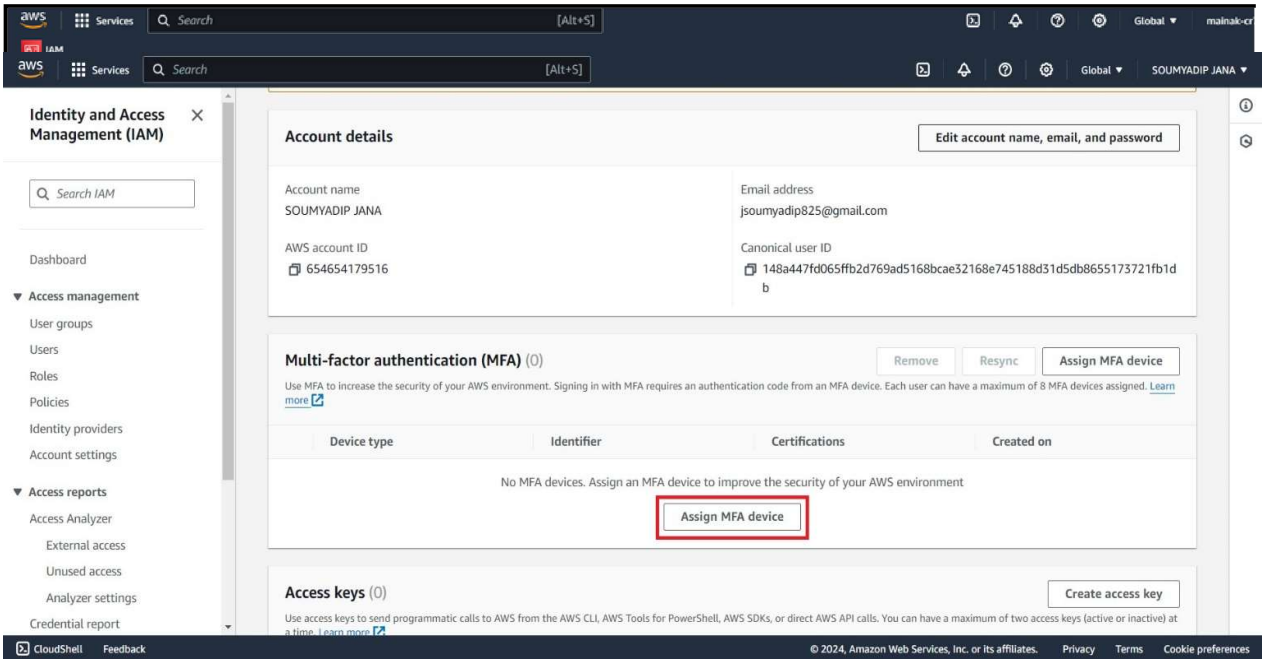
Solution:

MFA: Multi-factor Authentication (MFA) is an authentication method that requires the user to provide two or more verification factors to gain access to a resource such as an application, online account, or a VPN. MFA is a core component of a strong **identity and access management (IAM)** policy. Rather than just asking for a username and password, MFA requires one or more additional verification factors, which decreases the likelihood of a successful cyber attack.

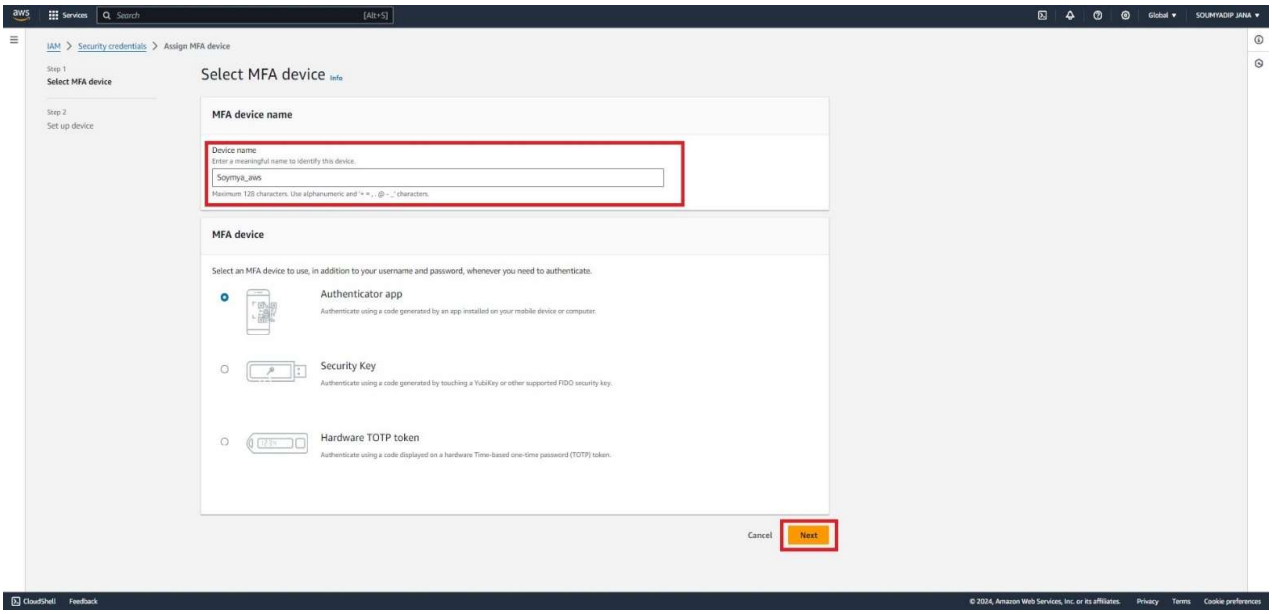
Step 1: At first open your **AWS Console** and click on your account, then select **Security Credentials**



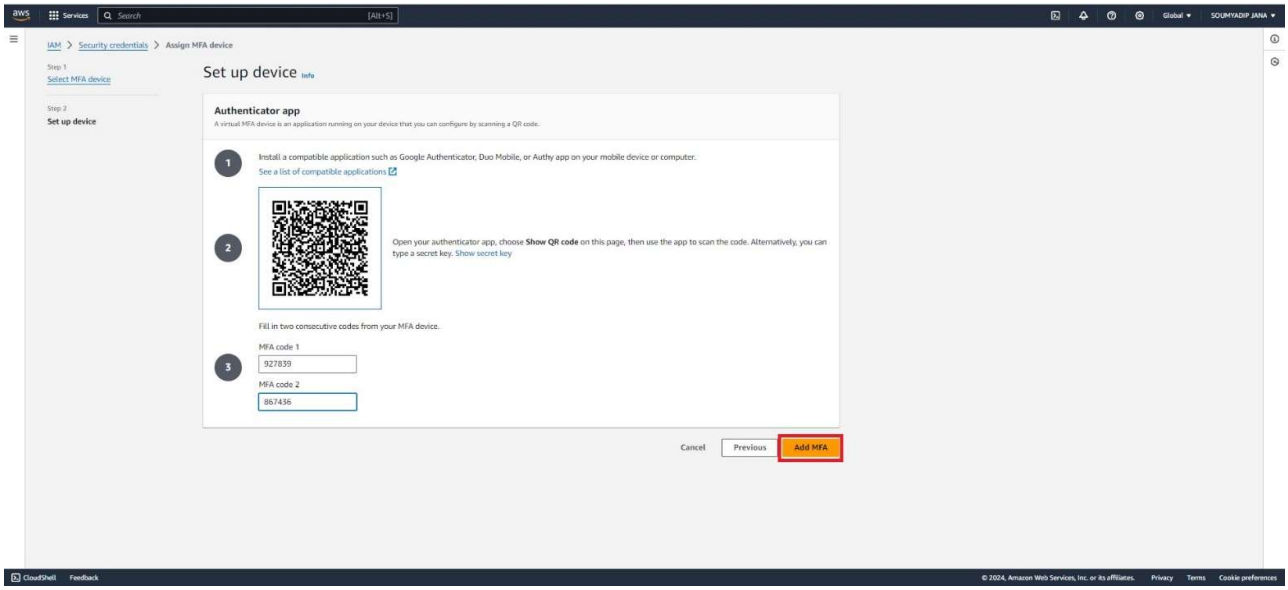
Step 2: Scroll down and you can find the **MFA** section. Click on **Assign MFA device** to add an MFA device



Step 3: Enter the **MFA device name, type of MFA device** and click on **Next**



Step 4: Download an MFA device for example **Google Authenticator** on your **Android device** and scan the **QR code (for security purposes it is fake on the image).** You can find the **MFA codes generated in the app**, **enter two consecutive MFA codes,** and click on **Add MFA** to complete your MFA setup. You should find a dialog box showing that you have successfully completed the MFA setup



Step 5: Finally **MFA** is assign for your AWS account.