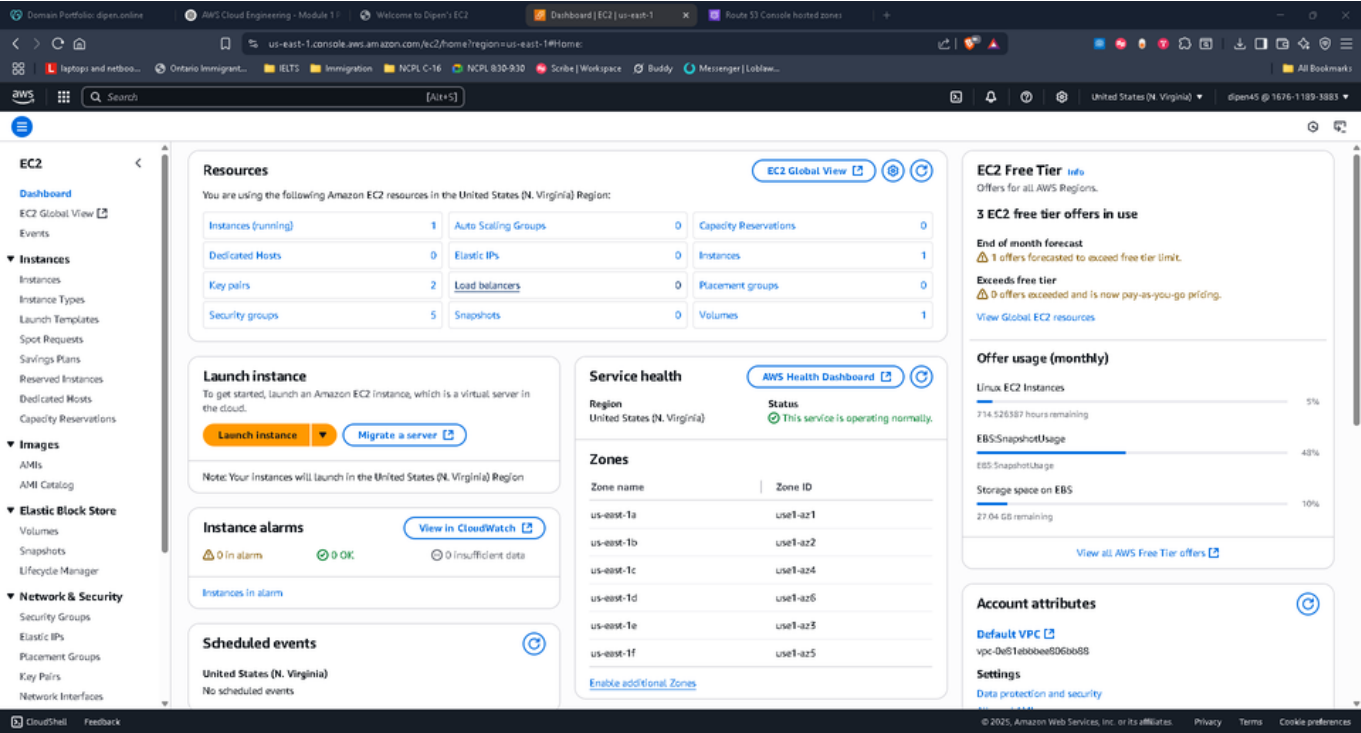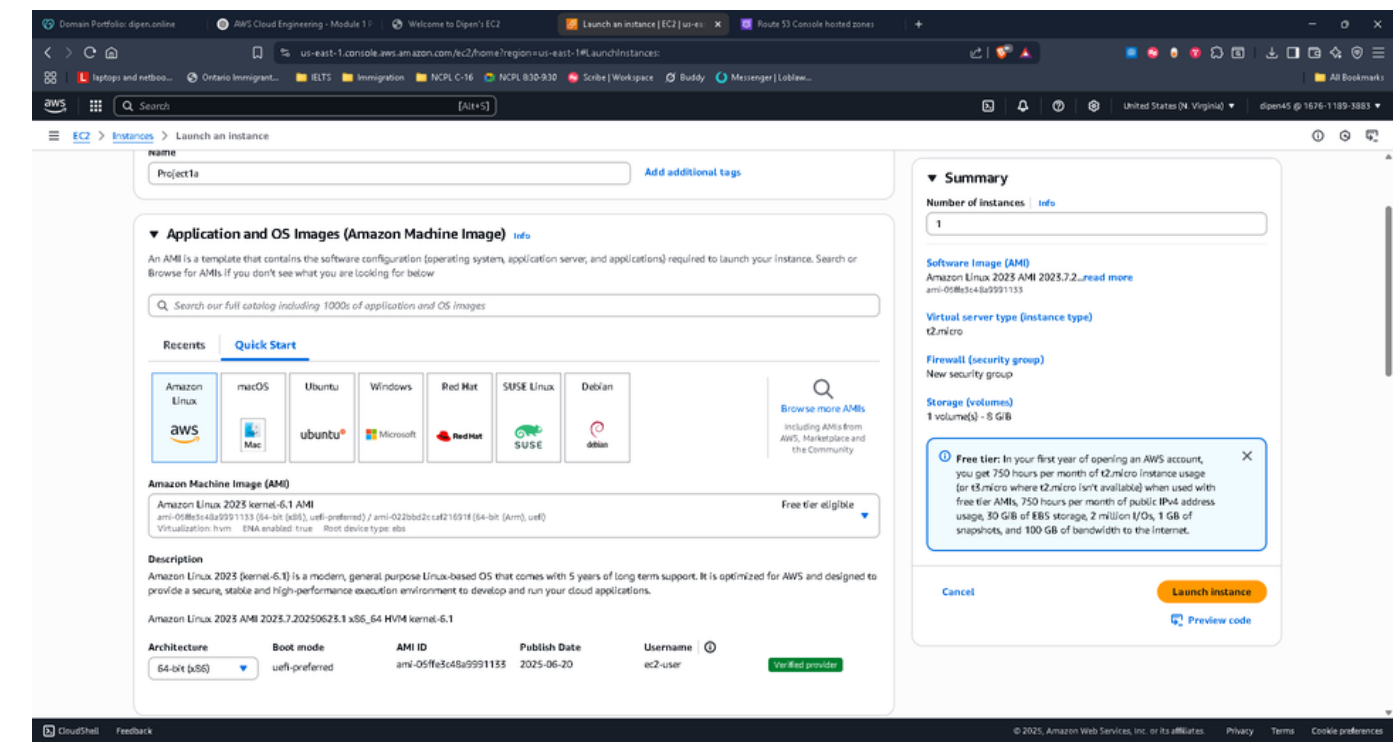# Project1A - Complete AWS Static Website Deployment

This document includes all steps performed in the AWS Console to deploy a static website using EC2, EBS, and IAM Role. Screenshots with descriptions are included for each major step.
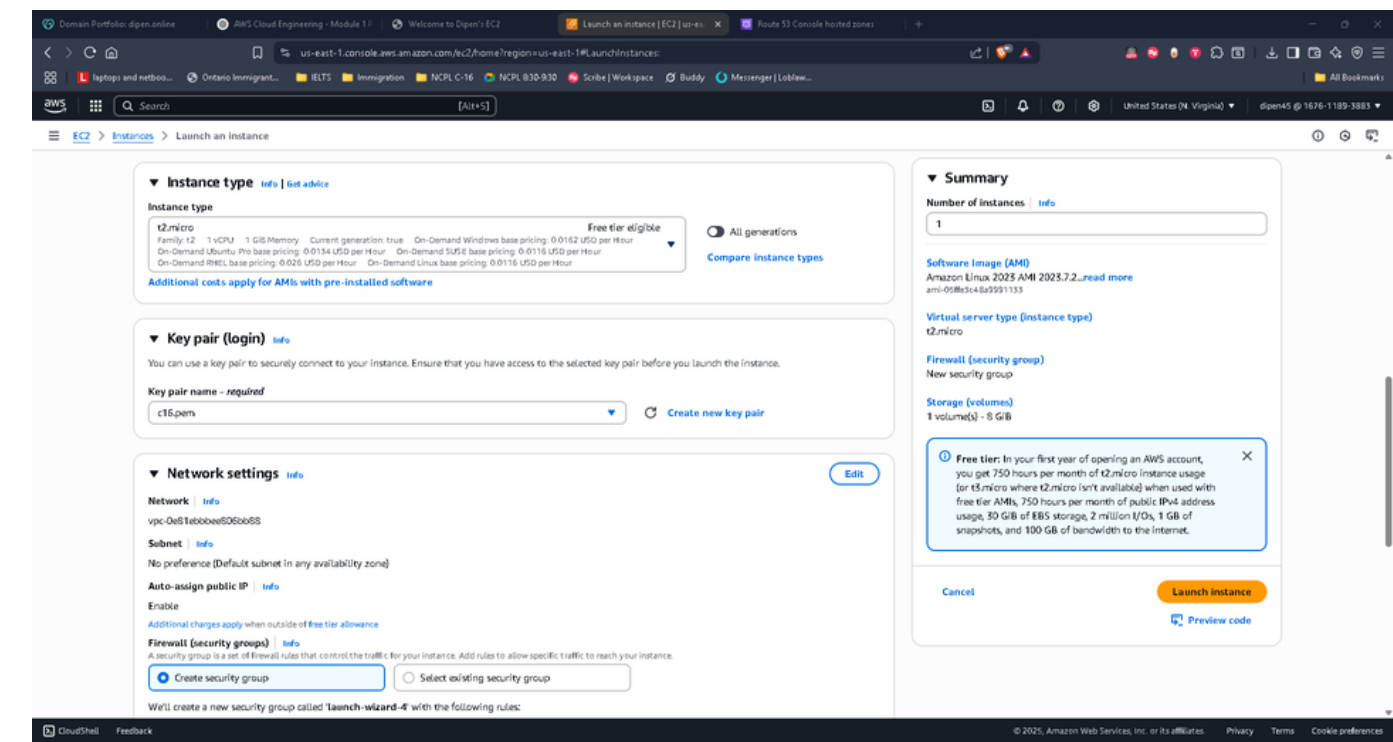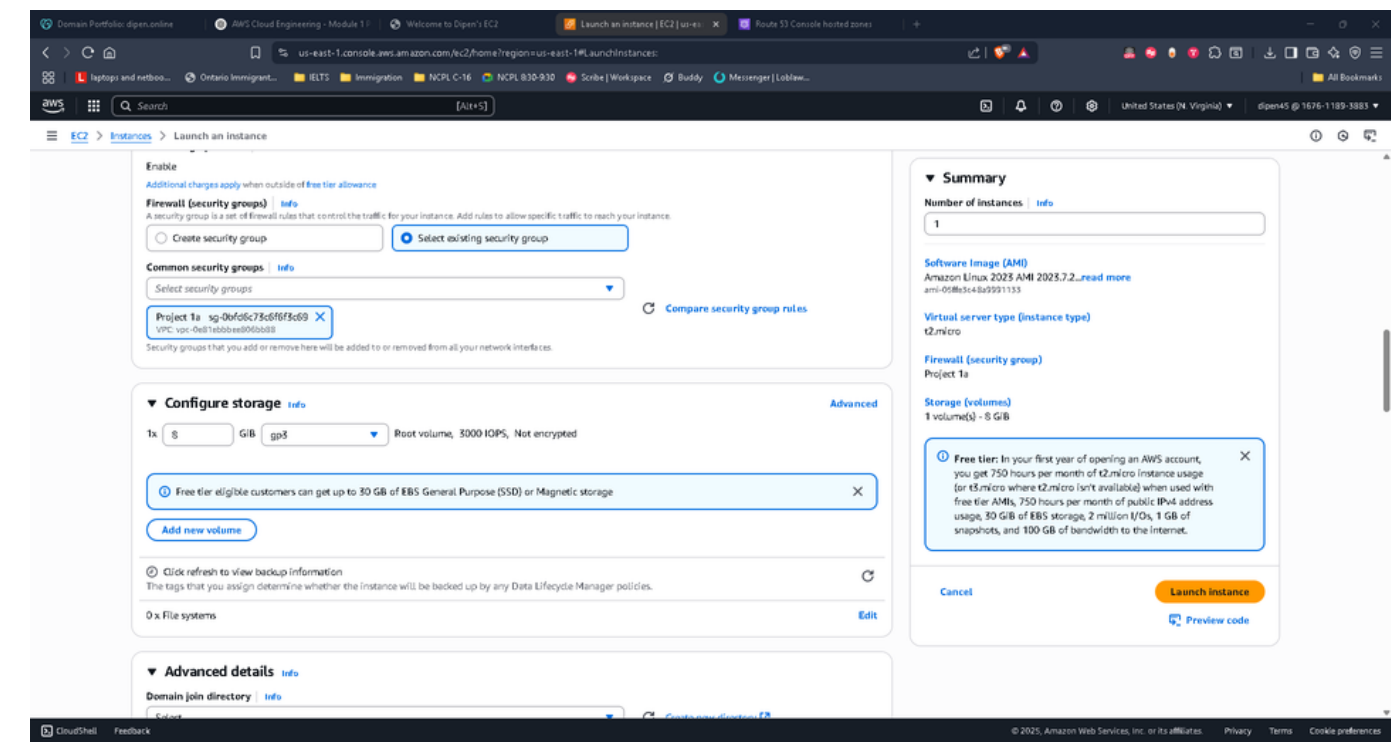
Step 1: Access EC2 Console

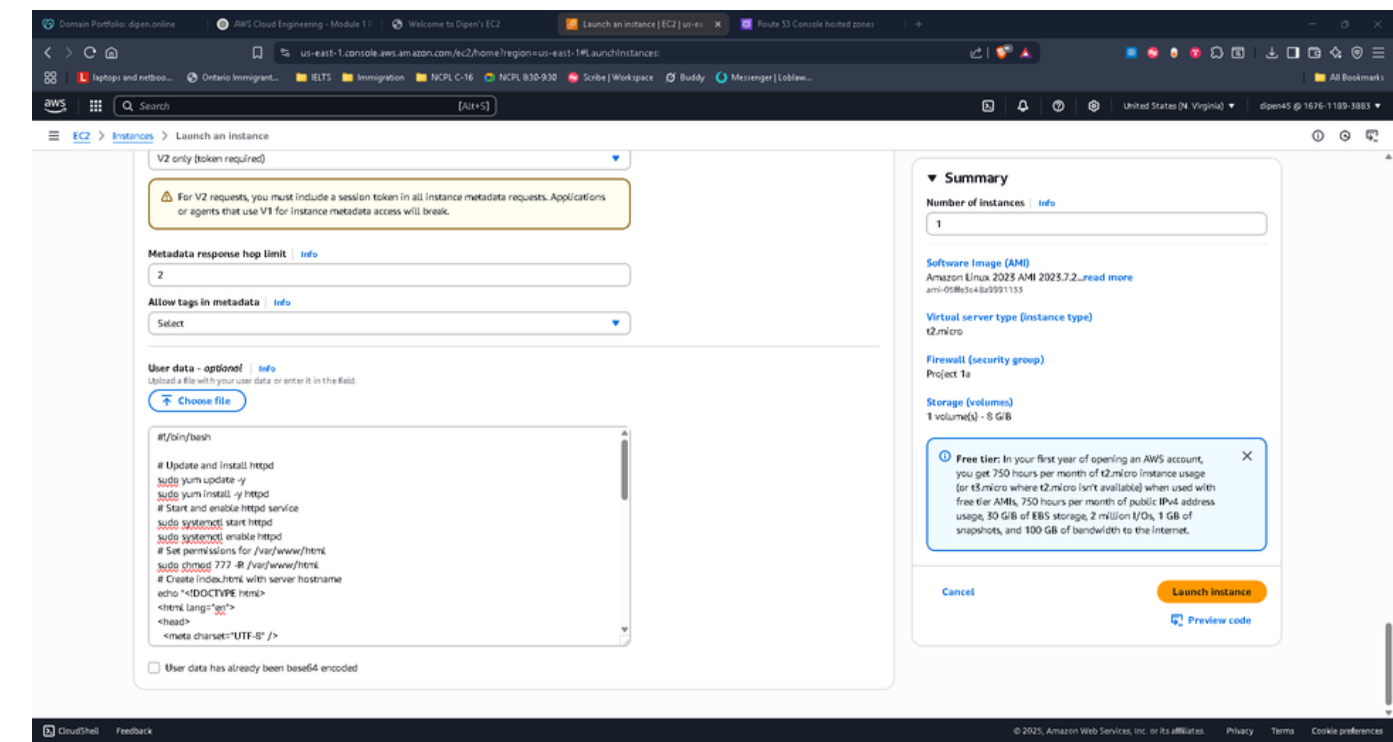# Step 2: Configure EC2 Instance (Part 1)
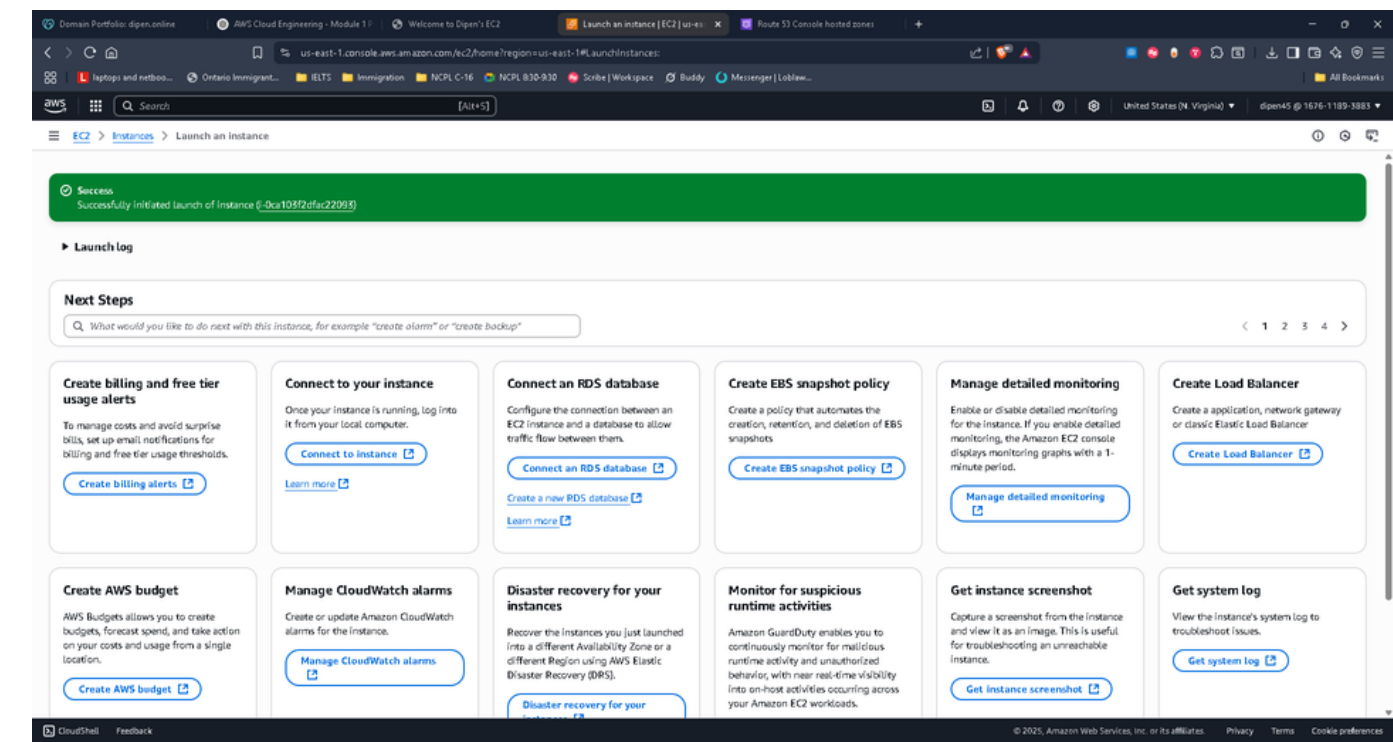
Step 3: Configure EC2 Instance (Part 2)

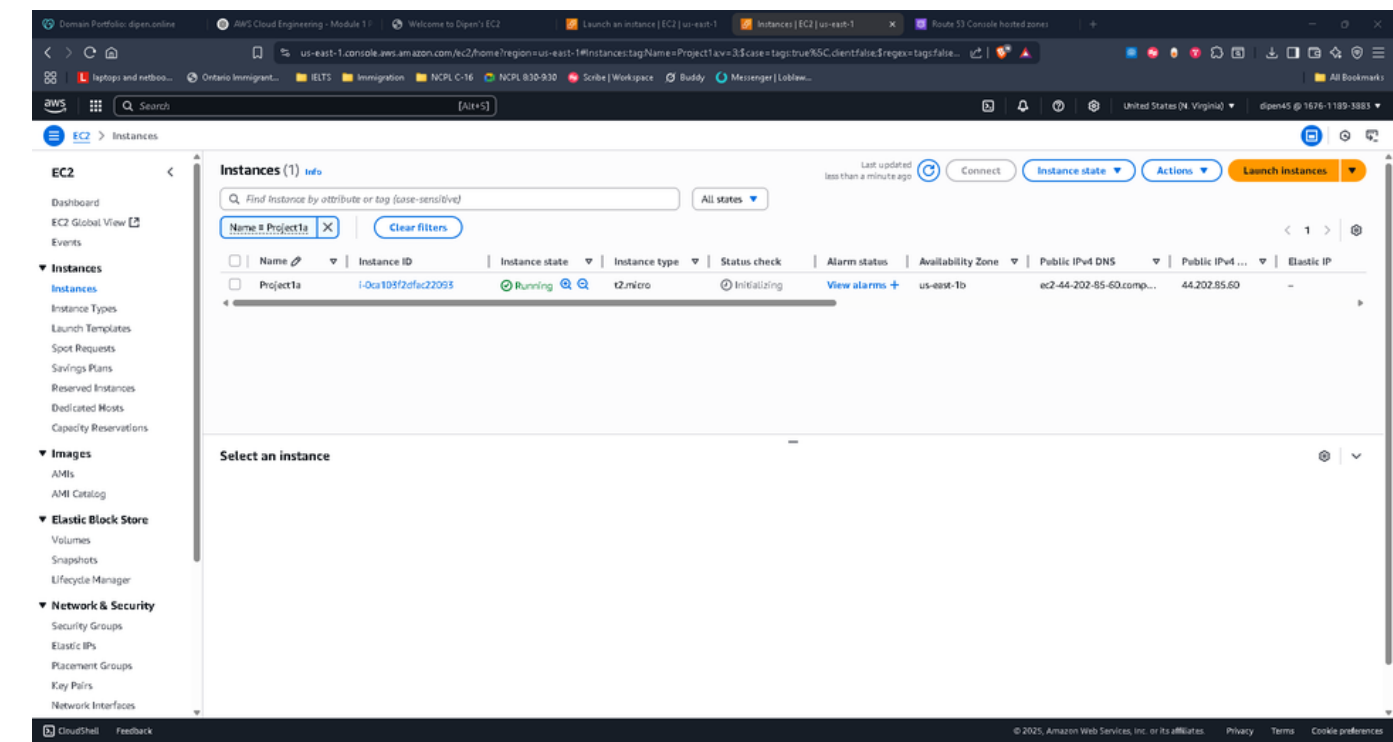# Step 4: Configure EC2 Instance (Part 3)
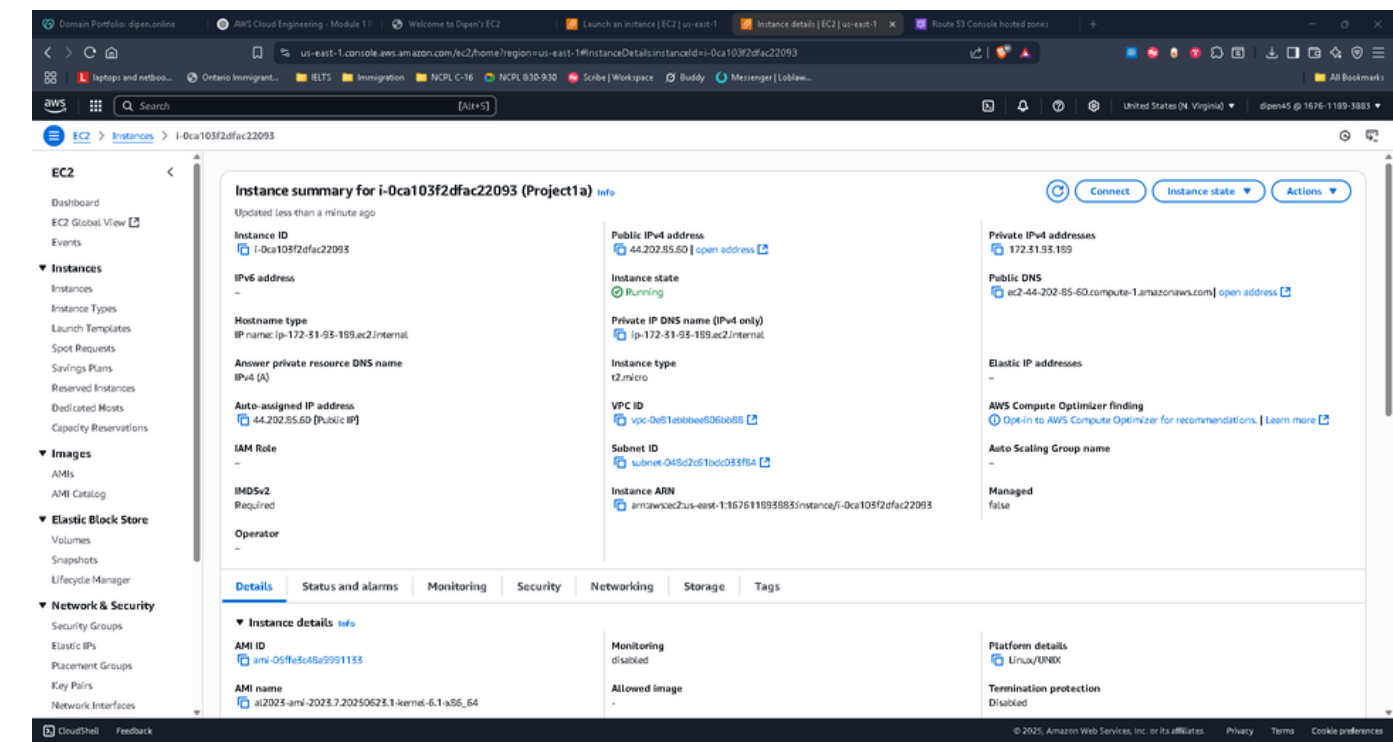
Step 5: User Data for Apache Server

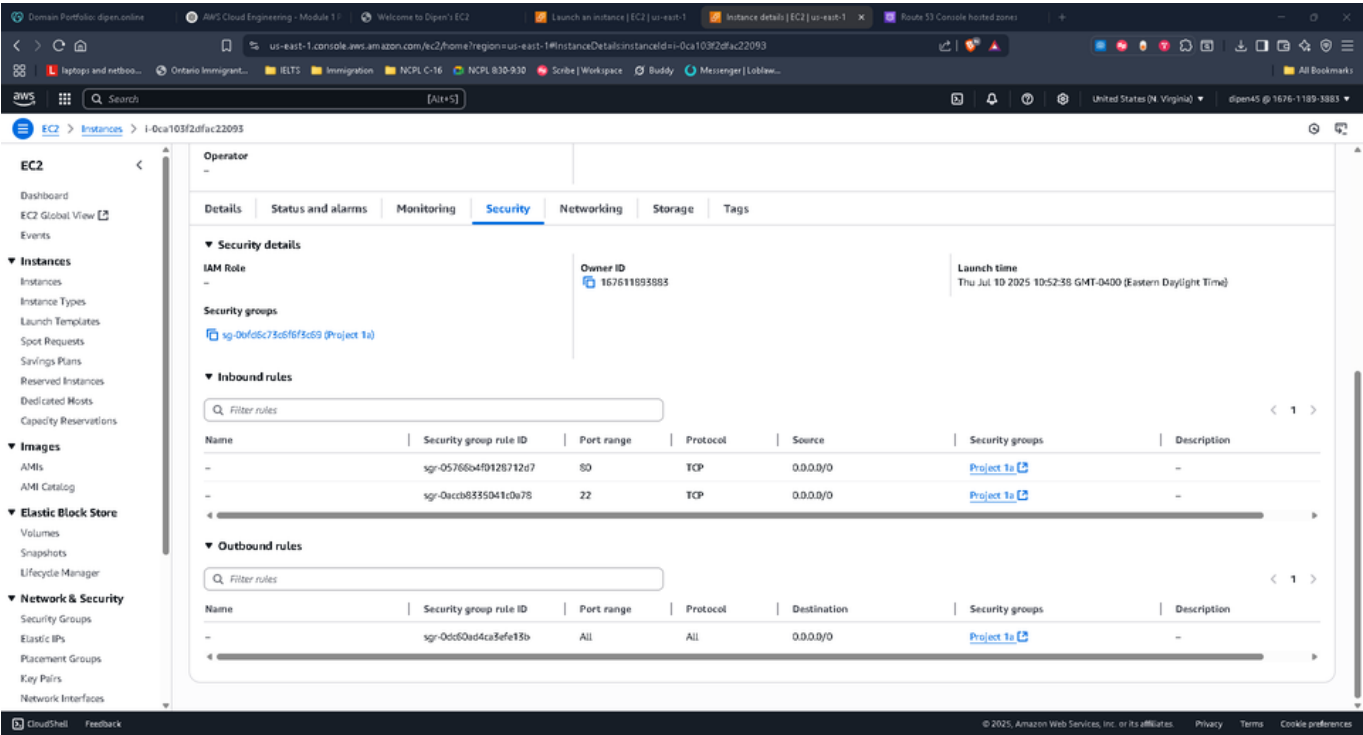# Step 6: Instance Launched Successfully

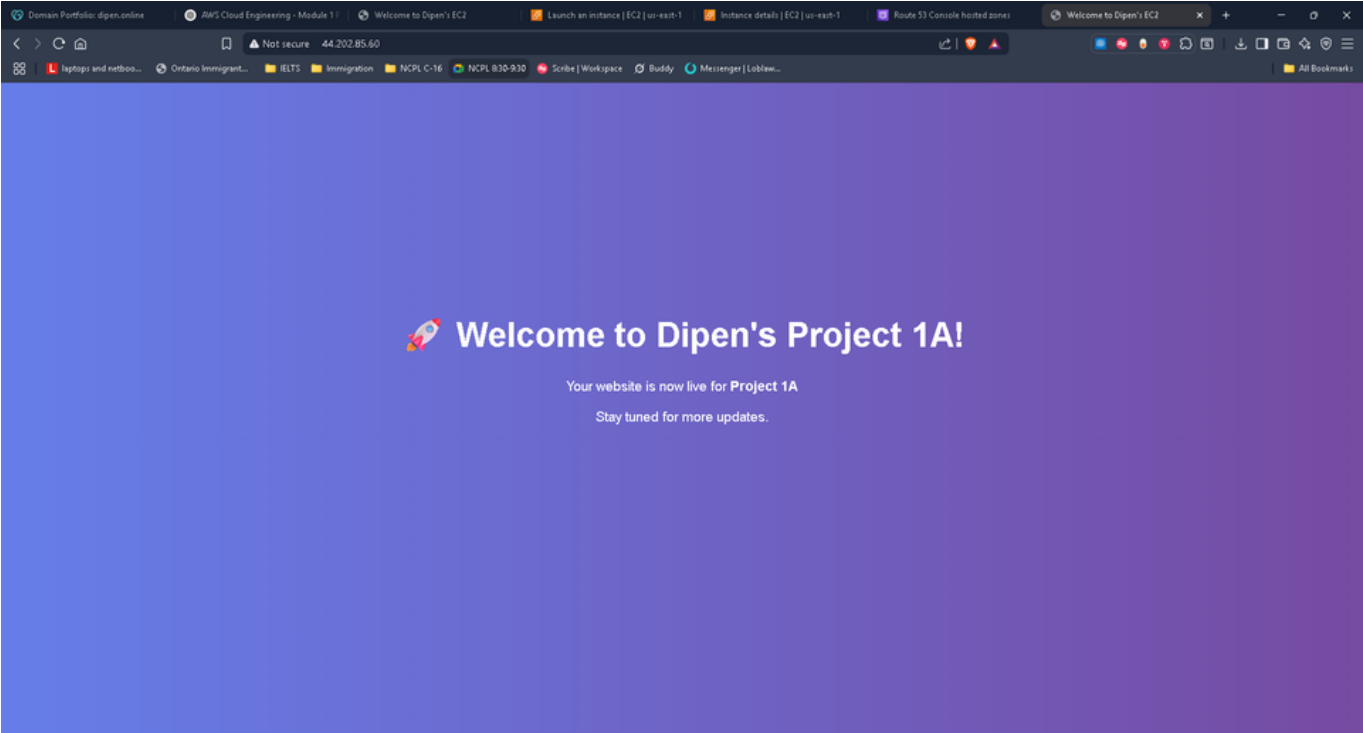# Step 7: Instance Health Check Passed
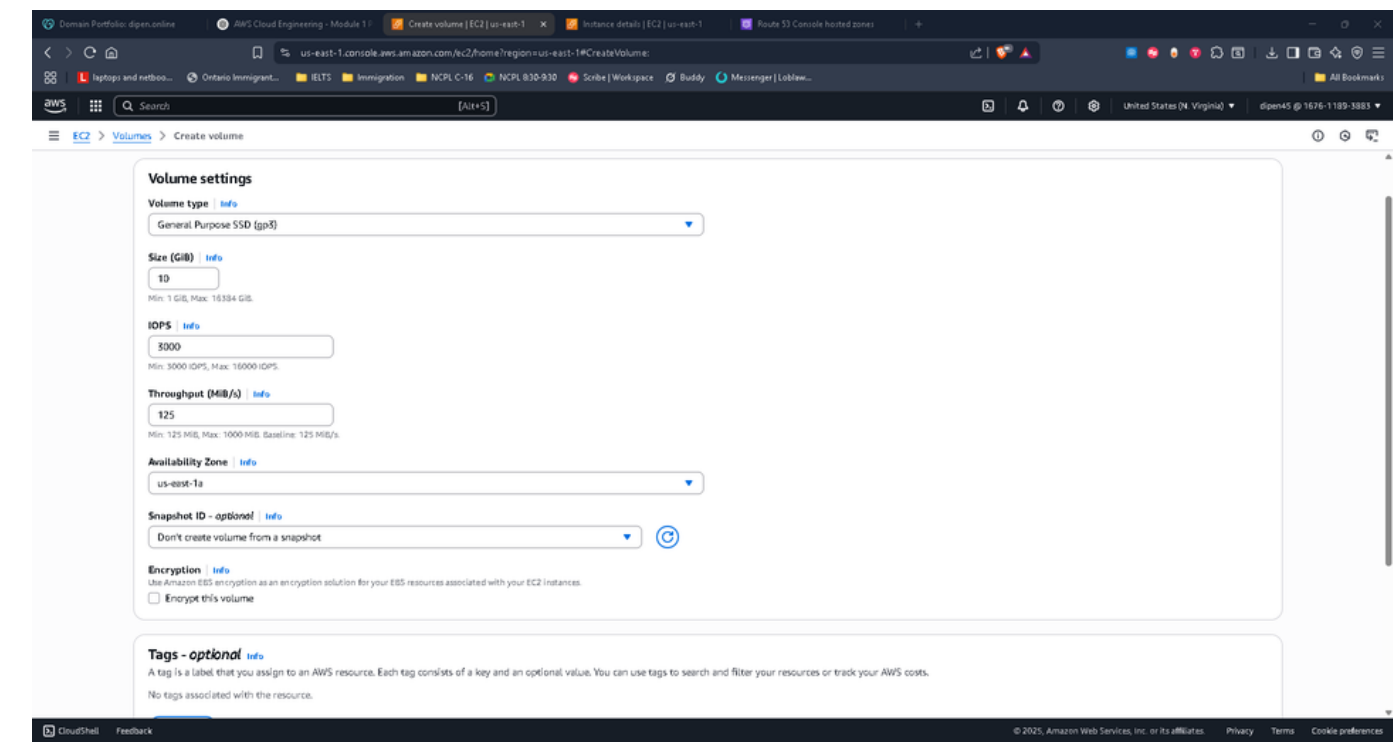
Step 8: Instance Public IP and Metadata
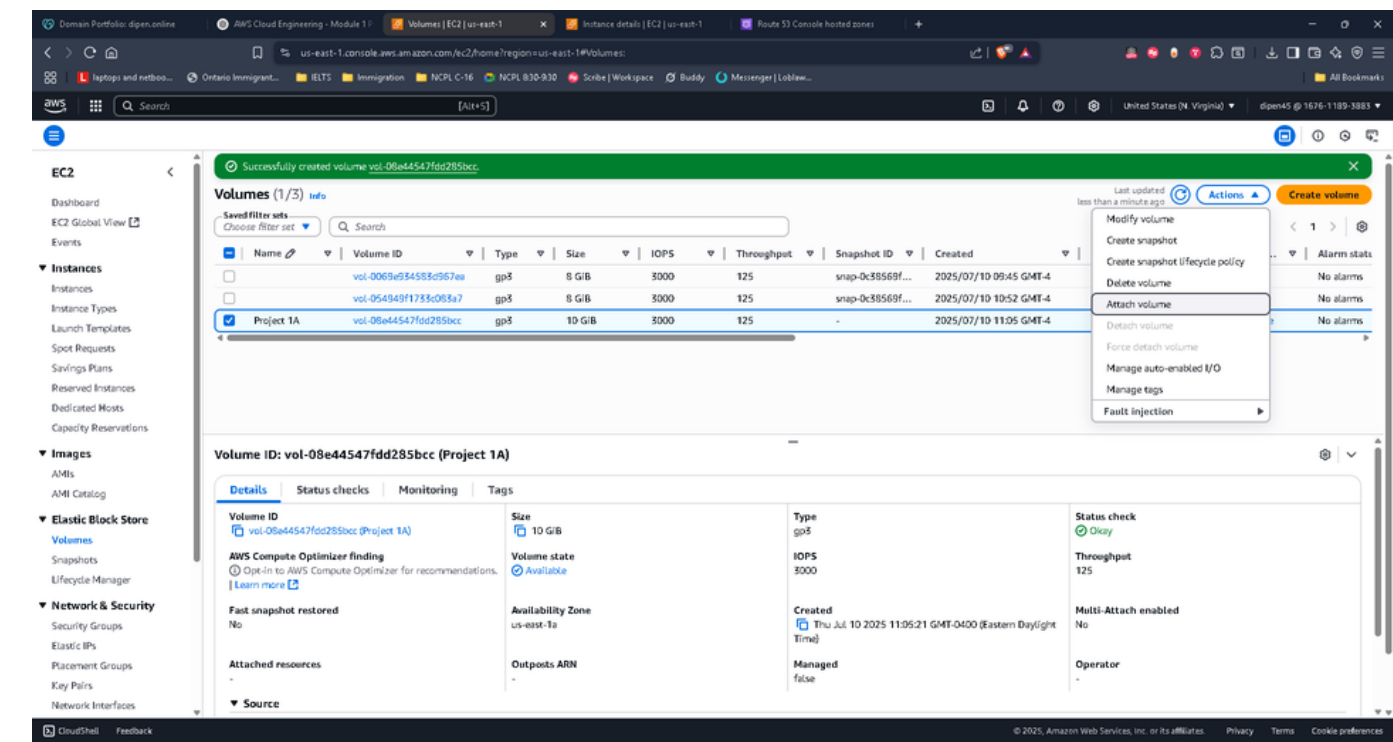
Step 9: Security Group Configuration

Step 10: Access Website via Browser

Step 11: Create EBS Volume

Step 12: Attach EBS Volume to Instance

Step 13: EBS Volume Attached Confirmation
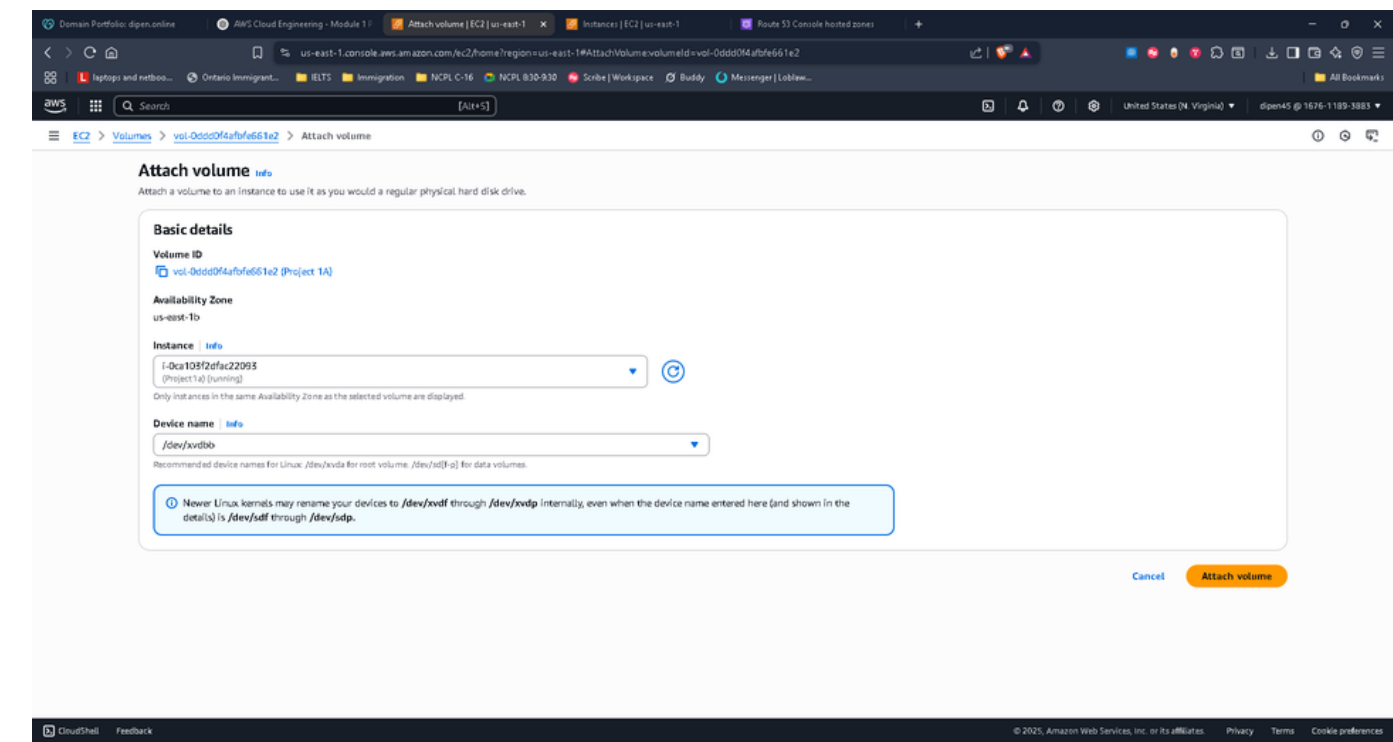
Step 14: SSH into EC2
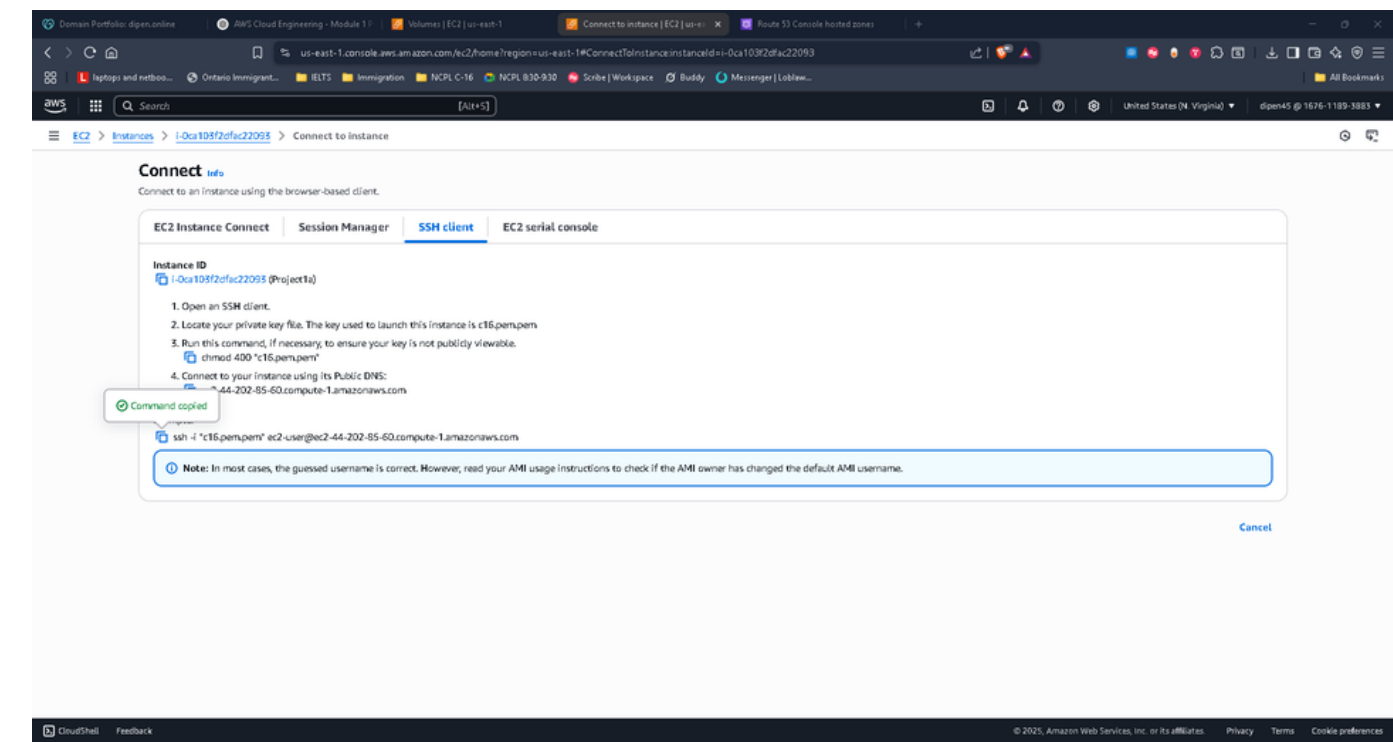
Step 15: EC2 Access via Git Bash

Step 16: Format and Mount EBS Volume

Step 17: Navigate to IAM Dashboard

Step 18: Create IAM User - Project1A

Step 19: IAM User Created Successfully
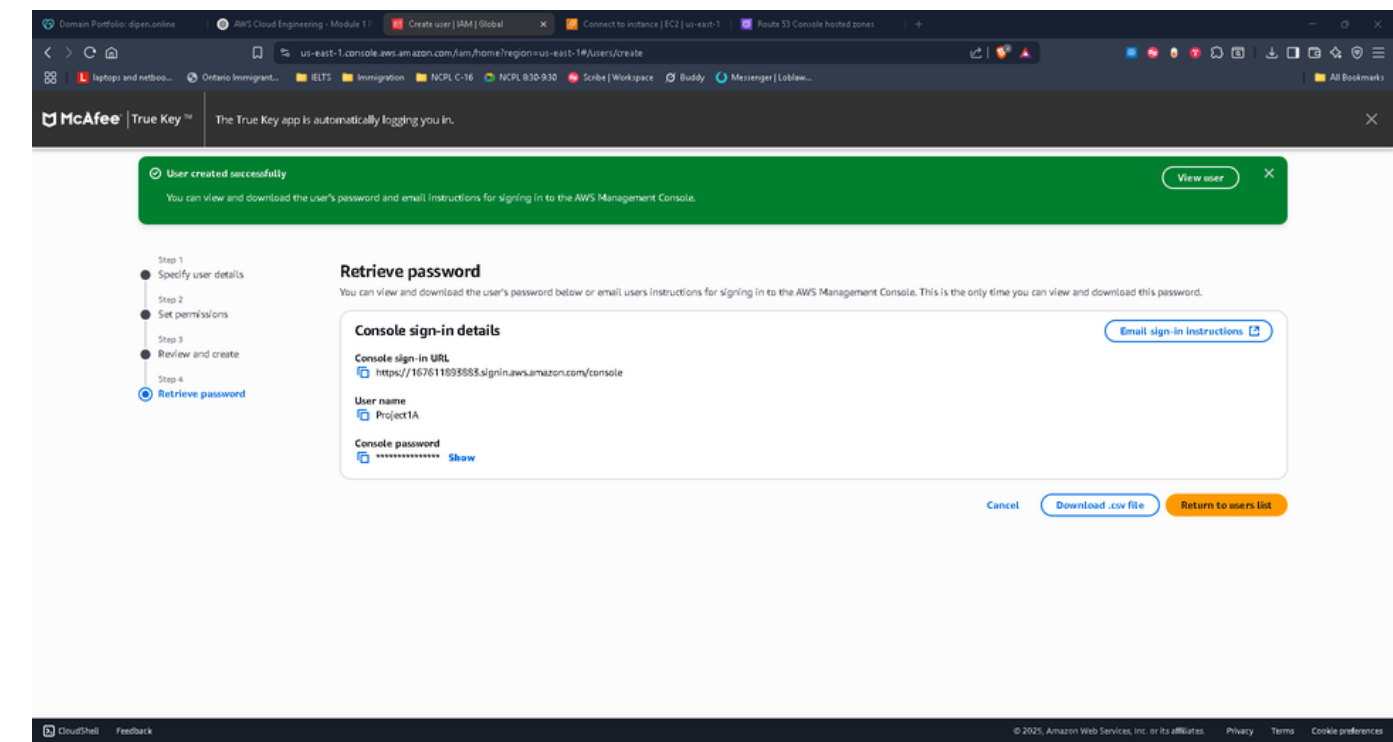
Step 20: Attach Role-Based Permissions
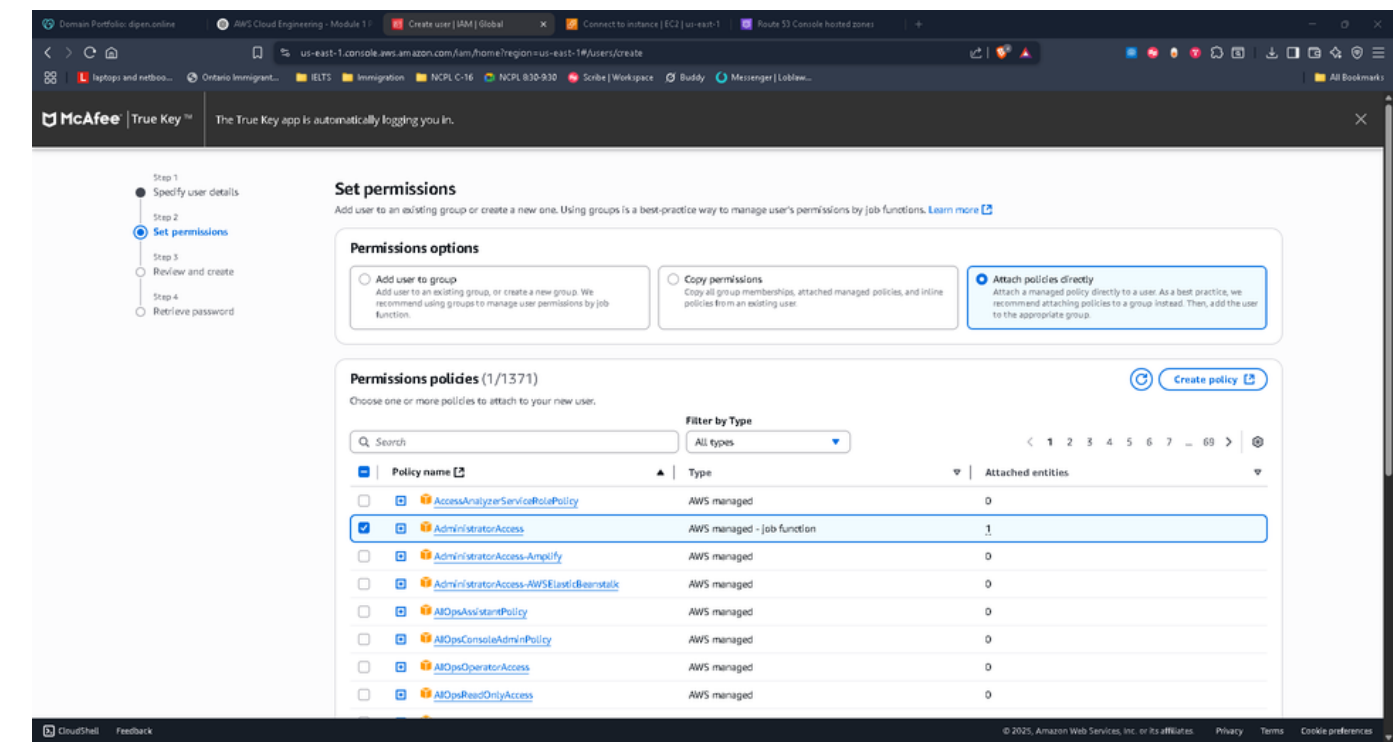
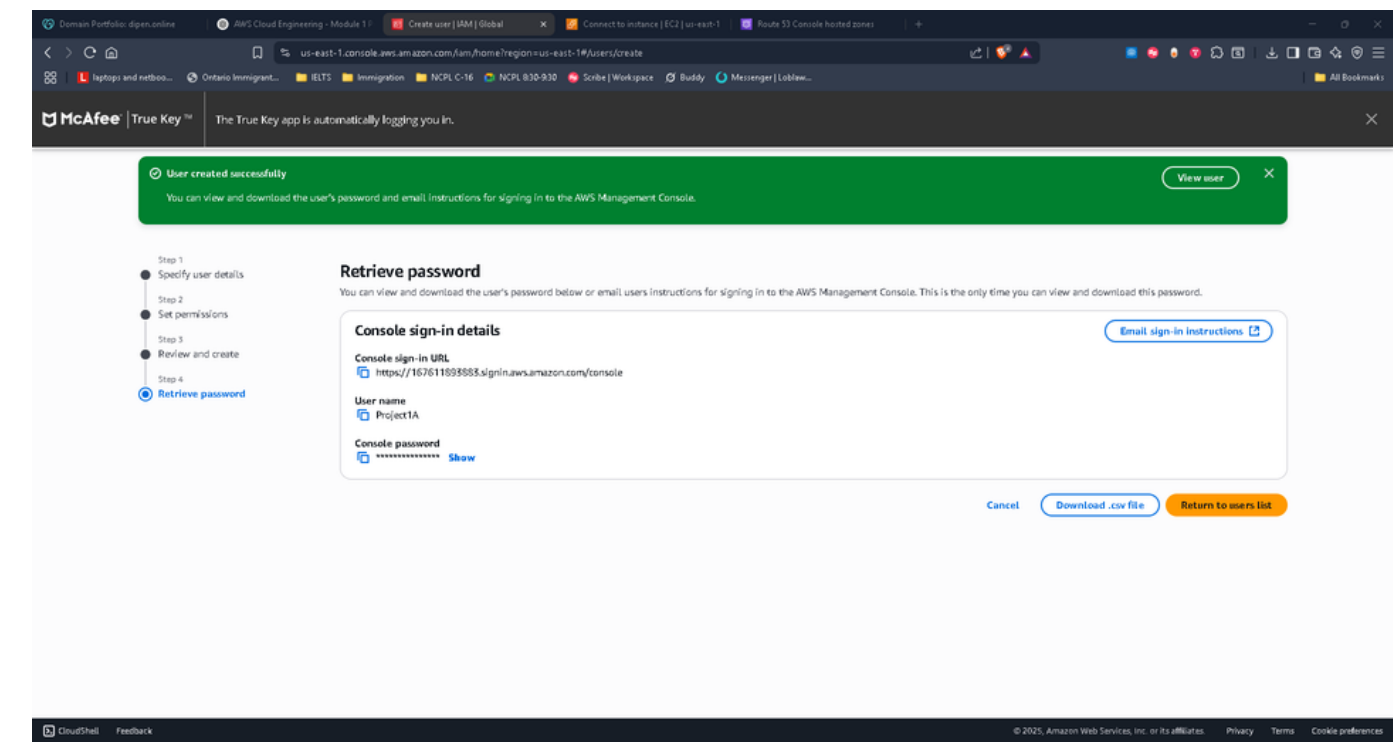# Step 21: Retrieve IAM User Sign-In Info

Step 22: IAM User Login Page

Step 23: Logged in as IAM User
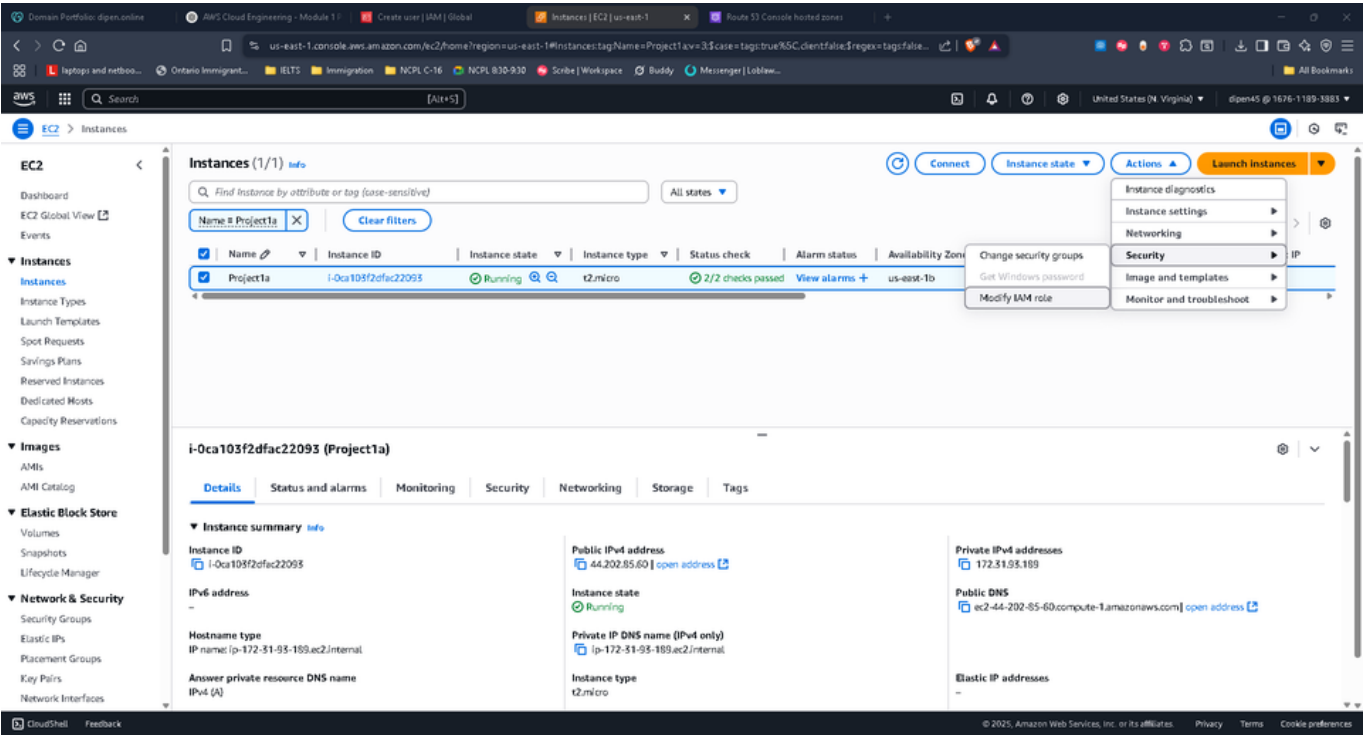
Step 24: Modify IAM Role for EC2 to use IAM Role Project1A