



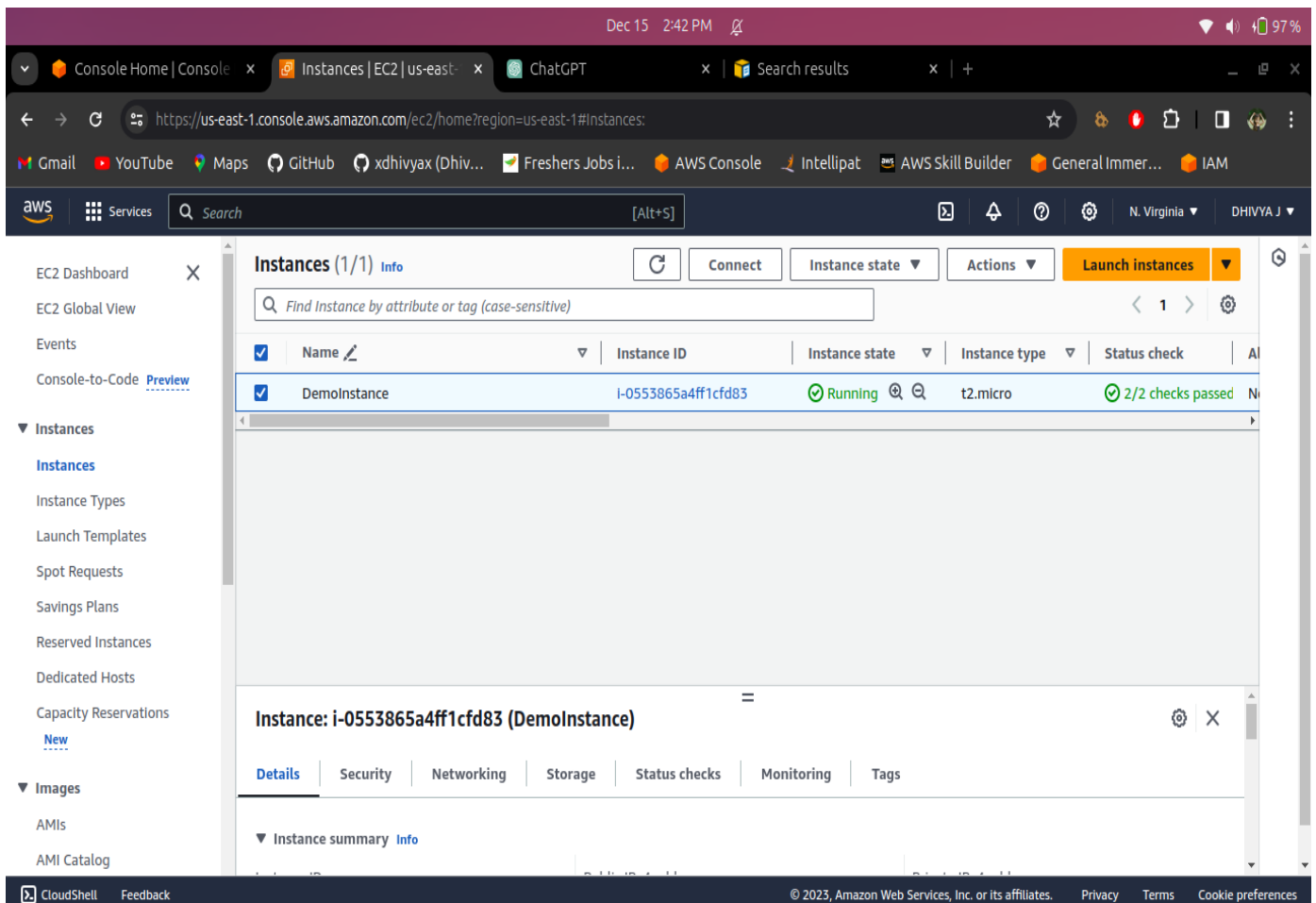
Module 3: CloudWatch Dashboard Assignment

Problem Statement:

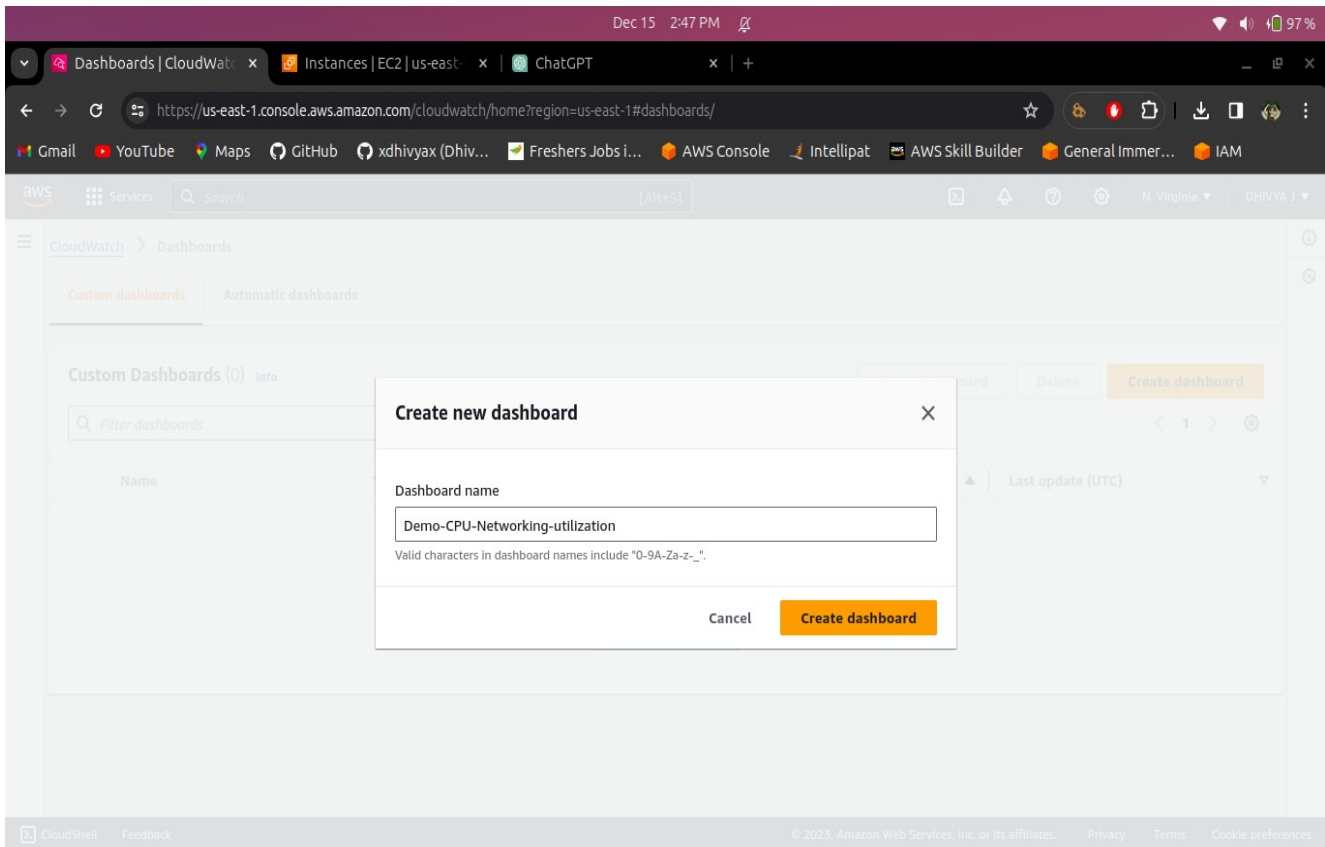
You work for XYZ Corporation. To maintain the security of the AWS account and the resources you have been asked to implement a solution that can help easily recognize and monitor the different users. Also, you will be monitoring the machines created by these users for any errors or misconfigurations.

Tasks To Be Performed:

1. Create a dashboard which lets you check the CPU utilization and networking for a particular EC2 instance.



The screenshot shows the AWS Management Console interface. The top navigation bar includes the AWS logo, a search bar, and the current region (N. Virginia) and user (DHIVYA J). The left sidebar contains navigation links for EC2 Dashboard, EC2 Global View, Events, Console-to-Code, and a list of services including Instances, Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Capacity Reservations, and Images. The main content area is titled 'Instances (1/1) Info' and features a search bar and a table of instances. The table has columns for Name, Instance ID, Instance state, Instance type, and Status check. One instance, 'DemoInstance' (ID: i-0553865a4ff1cfd83), is listed as 'Running' with a 't2.micro' instance type and a '2/2 checks passed' status. Below the table, the 'Details' tab is selected for the instance 'i-0553865a4ff1cfd83 (DemoInstance)', showing tabs for Details, Security, Networking, Storage, Status checks, Monitoring, and Tags. The 'Details' tab is currently active, displaying the 'Instance summary' section.



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CloudWatch | us-east-1 x Instances | EC2 | us-east-1 x ChatGPT x | +

https://us-east-1.console.aws.amazon.com/cloudwatch/home?region=us-east-1#dashboards/dashboard/Demo-CPU-Networking-utilization

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aws Services Search [Alt+S] N. Virginia DHIVYA J

Add metric graph

Untitled graph ☐ Persist time range ⓘ 1h 3h 12h 1d 3d 1w Custom UTC timezone Line

Browse Multi source query - new Graphed metrics (1) Options Source

<input checked="" type="checkbox"/>	Demoinstance	i-06c6c8708bfaf93bc	CPUUtilization ⓘ	No alarms
<input type="checkbox"/>	Demoinstance	i-06c6c8708bfaf93bc	NetworkIn ⓘ	No alarms
<input type="checkbox"/>	Demoinstance	i-06c6c8708bfaf93bc	DiskWriteBytes ⓘ	No alarms
<input type="checkbox"/>	Demoinstance	i-06c6c8708bfaf93bc	NetworkPacketsIn ⓘ	No alarms
<input type="checkbox"/>	Demoinstance	i-06c6c8708bfaf93bc	NetworkOut ⓘ	No alarms

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Add metric graph

Untitled graph ☐ Persist time range 1h 3h 12h 1d 3d 1w Custom UTC timezone Number

Browse Multi source query - new Graphed metrics (2) Options Source Add math Add query

<input type="checkbox"/>	Demoinstance	I-06c6c8708bfaf93bc	CPUUtilization	No alarms
<input checked="" type="checkbox"/>	Demoinstance	I-06c6c8708bfaf93bc	NetworkIn	No alarms
<input type="checkbox"/>	Demoinstance	I-06c6c8708bfaf93bc	DiskWriteBytes	No alarms
<input type="checkbox"/>	Demoinstance	I-06c6c8708bfaf93bc	NetworkPacketsIn	No alarms
<input checked="" type="checkbox"/>	Demoinstance	I-06c6c8708bfaf93bc	NetworkOut	No alarms
<input type="checkbox"/>	Demoinstance	I-06c6c8708bfaf93bc	DiskReadOps	No alarms
<input type="checkbox"/>	Demoinstance	I-06c6c8708bfaf93bc	DiskWriteOps	No alarms

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Add metric graph

Browse Multi source query - new Graphed metrics (2) Options Source Add math Add query

<input type="checkbox"/>	Demoinstance	I-06c6c8708bfaf93bc	DiskWriteBytes ⓘ	No alarms
<input checked="" type="checkbox"/>	Demoinstance	I-06c6c8708bfaf93bc	NetworkPacketsIn ⓘ	No alarms
<input type="checkbox"/>	Demoinstance	I-06c6c8708bfaf93bc	NetworkOut ⓘ	No alarms
<input type="checkbox"/>	Demoinstance	I-06c6c8708bfaf93bc	DiskReadOps ⓘ	No alarms
<input type="checkbox"/>	Demoinstance	I-06c6c8708bfaf93bc	DiskWriteOps ⓘ	No alarms
<input checked="" type="checkbox"/>	Demoinstance	I-06c6c8708bfaf93bc	NetworkPacketsOut ⓘ	No alarms
<input type="checkbox"/>	Demoinstance	I-06c6c8708bfaf93bc	DiskReadBytes ⓘ	No alarms
<input type="checkbox"/>	Demoinstance	I-06c6c8708bfaf93bc	MetadataNoToken ⓘ	No alarms

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