

Week 7 Assignment Atheer Alqannas

Pipelines:

https://dev.azure.com/integrifyeducation/devops2-atheeralqannas/_build/results?buildId=6252&view=logs&j=d862a91a-cb73-5c10-dae9-8b...

devops_2_2025-02 (C...) Home - Microsoft Azure Inbox - atheerfaisal.al... Integrify - Calendar - ... Integrify-Finland/dev... (1) WhatsApp (1) WhatsApp Summary - Overview

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The download URL for Pipelines Agent is changing soon. Azure DevOps Customers using Pipelines with Self Hosted Agents must update their network configuration and add a new Domain URL to their Firewall allowlist by 1st May 2025. For more details, please follow this [blog](#).

Jobs in run #20250... three-tier-assignment-backend.atheerfaisal.alqannas

BuildTest	
> BuildAndTest	15s
DockerBuildAndPush	
> Dockerize	28s
Deploy	
DeployToVM	23s
Initialize job	1s
SSH	21s
Finalize Job	<1s

DeployToVM

```
1 ##[warning]See https://aka.ms/azdo-ubuntu-24.04 for changes to the ubuntu-24.04 image. Some tools (e.g
2 Pool: Azure Pipelines
3 Image: ubuntu-latest
4 Queued: Just now [manage_parallel_jobs]
5 Agent: Hosted Agent
6 Started: Just now
7 Duration: 23s
8
9 The agent request is already running or has already completed.
10 Job live console data:
11 Starting: DeployToVM
12 Async Command Start: DetectDockerContainer
13 Async Command End: DetectDockerContainer
14 Async Command Start: DetectDockerContainer
15 Async Command End: DetectDockerContainer
16 Finishing: DeployToVM
```

View raw log

06:53

https://dev.azure.com/integrifyeducation/devops2-atheeralqannas/_build/results?buildId=6253&view=logs&j=d862a91a-cb73-5c10-dae9-8b...

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Jobs in run #20250... three-tier-assignment-frontend.atheerfaisal.alqannas (1253)

BuildTest	
> BuildAndTest	14s
DockerBuildAndPush	
> Dockerize	27s
Deploy	
> DeployToVM	13s

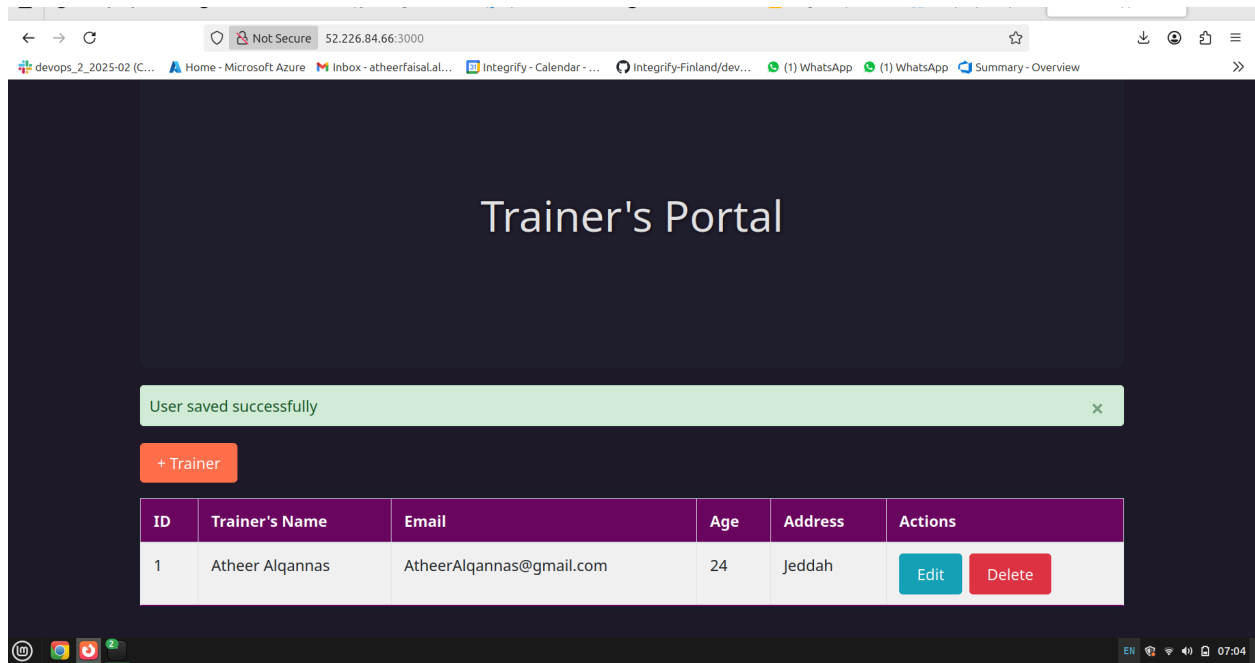
DeployToVM

```
1 ##[warning]See https://aka.ms/azdo-ubuntu-24.04 for changes to the ubuntu-24.04 image. Some tools (e.g
2 Agent: Hosted Agent
3 Started: Just now
4 Duration: 13s
5
6 Job live console data:
7 Starting: DeployToVM
8 Async Command Start: DetectDockerContainer
9 Async Command End: DetectDockerContainer
10 Async Command Start: DetectDockerContainer
11 Async Command End: DetectDockerContainer
12 Finishing: DeployToVM
```

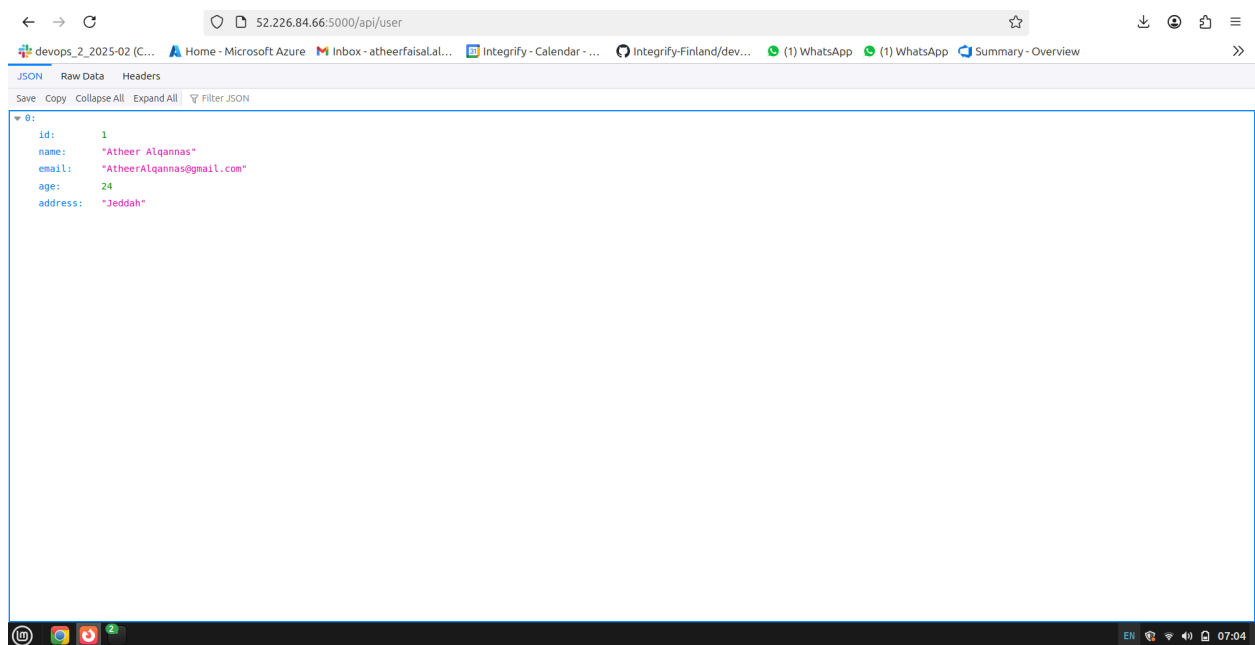
View raw log

07:02

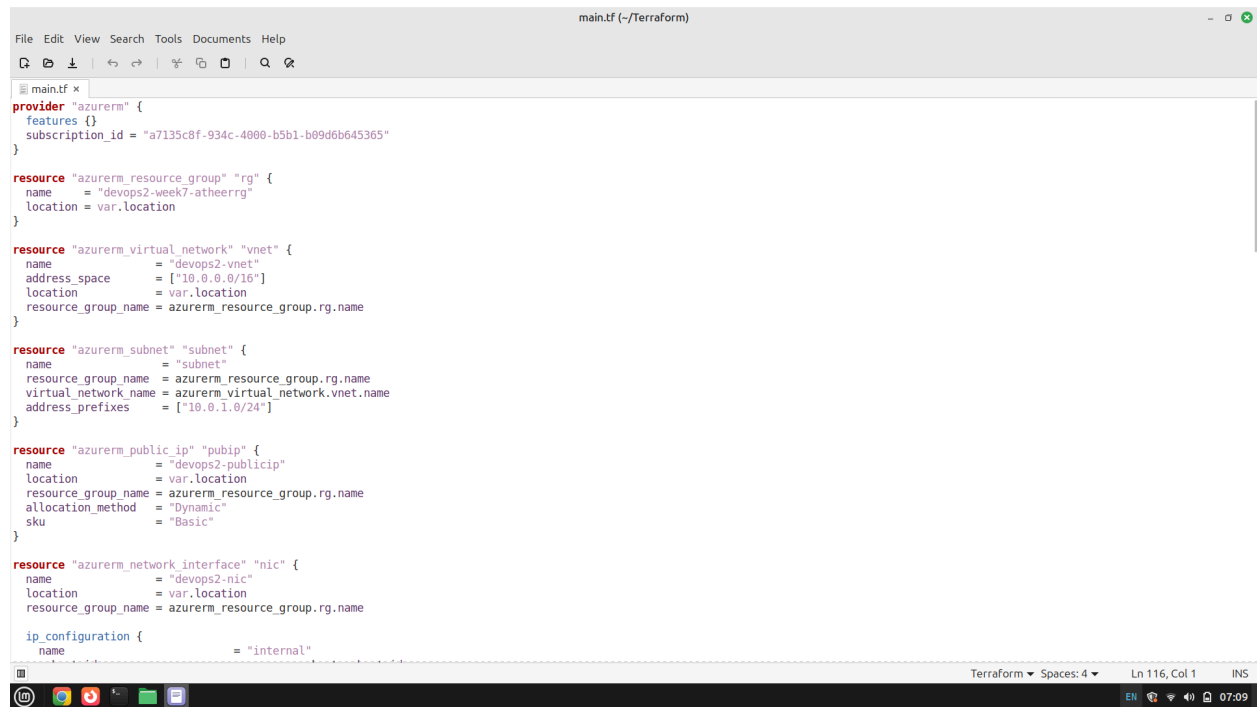
Front-end:



Back-end:



Terraform:



```
main.tf (~/Terraform)
File Edit View Search Tools Documents Help
main.tf x
provider "azurerm" {
  features {}
  subscription_id = "a7135c8f-934c-4000-b5b1-b09d6b645365"
}

resource "azurerm_resource_group" "rg" {
  name     = "devops2-week7-atheerrg"
  location = var.location
}

resource "azurerm_virtual_network" "vnet" {
  name                = "devops2-vnet"
  address_space       = ["10.0.0.0/16"]
  location             = var.location
  resource_group_name = azurerm_resource_group.rg.name
}

resource "azurerm_subnet" "subnet" {
  name                 = "subnet"
  resource_group_name = azurerm_resource_group.rg.name
  virtual_network_name = azurerm_virtual_network.vnet.name
  address_prefixes     = ["10.0.1.0/24"]
}

resource "azurerm_public_ip" "pubip" {
  name     = "devops2-publicip"
  location = var.location
  resource_group_name = azurerm_resource_group.rg.name
  allocation_method   = "Dynamic"
  sku                 = "Basic"
}

resource "azurerm_network_interface" "nic" {
  name     = "devops2-nic"
  location = var.location
  resource_group_name = azurerm_resource_group.rg.name

  ip_configuration {
    name = "ipconfig1"
    subnet_id = azurerm_subnet.subnet.id
    private_ip_address_allocation = "static"
    private_ip_address = "10.0.1.10"
    primary = true
  }
}
```

Terraform Spaces: 4 Ln 116, Col 1 INS