Techplement – week 1

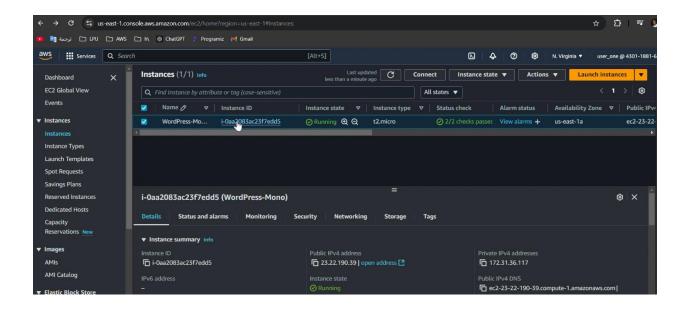
Monolithic: -

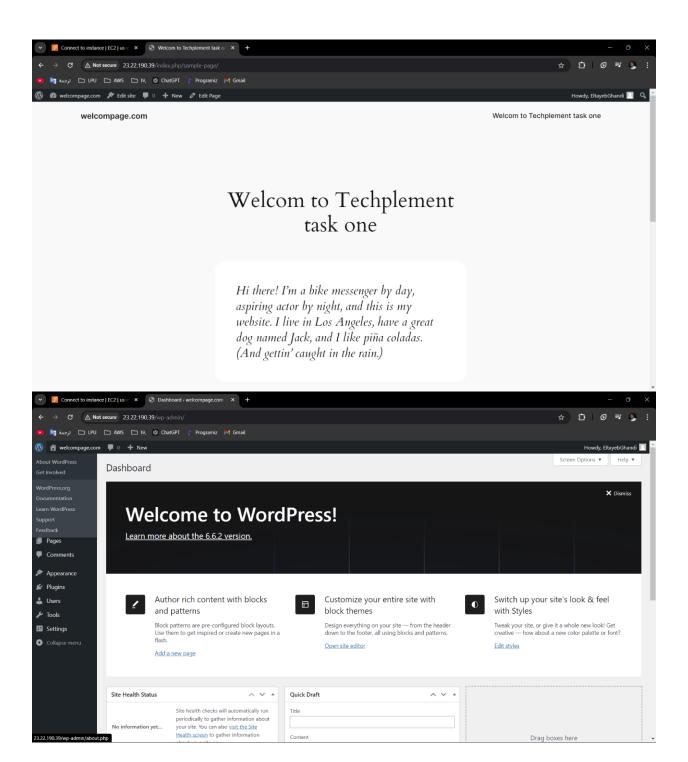
I created one instance for deploying both WordPress and MySQL, with ubuntu as AMI and type t2-micro.

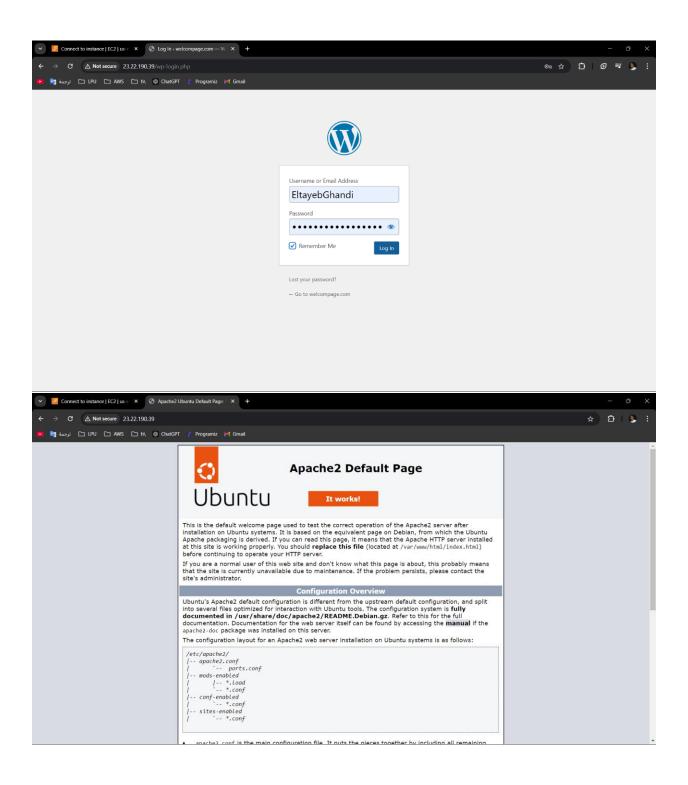
o The steps:

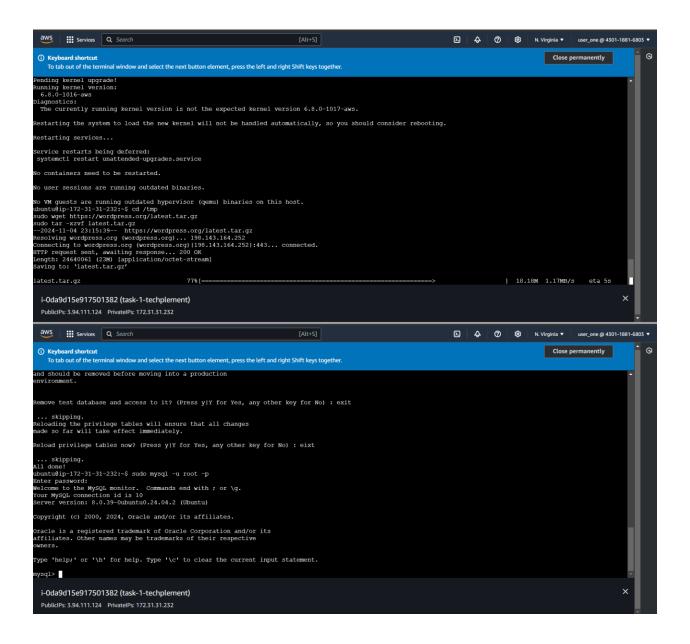
- 1. Lunch instance with ports http, https, and ssh and named WordPress-mono.
- 2. Connect to ssh using my personal terminal to start deploying.
- 3. Updated and upgraded the instance.
- 4. Downloaded apache2.
- 5. Downloaded mysgl-server.
- 6. Restart and enable mysql.
- 7. Then I log into my mysql and configure new table for WordPress with permission for user-name, password, and localhost.
- 8. Then I reseat and enable my apache2.
- 9. Then I downloaded the last WordPress package.
- 10. Then I edit the file of WordPress by defining what I configure in mysql.

11. Then I used my public IP to open the page of WordPress.







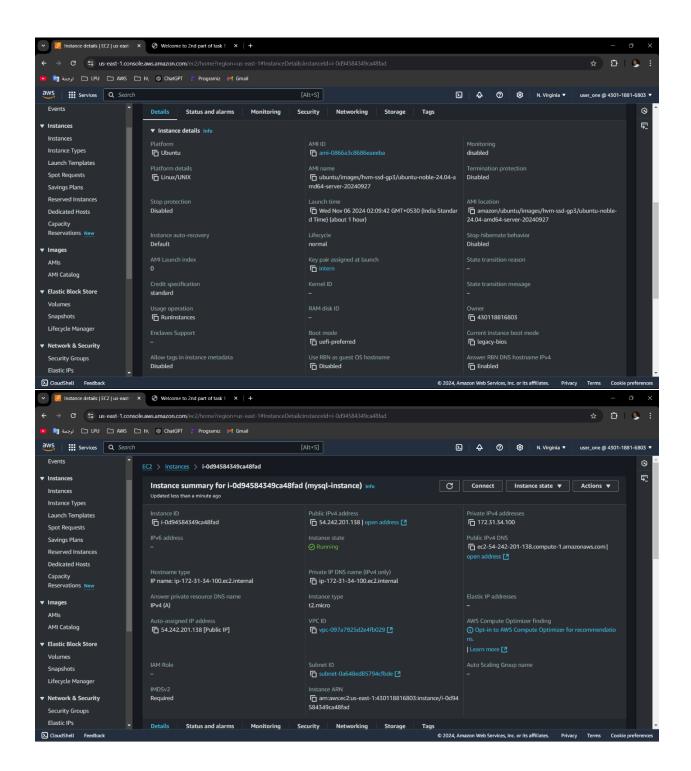


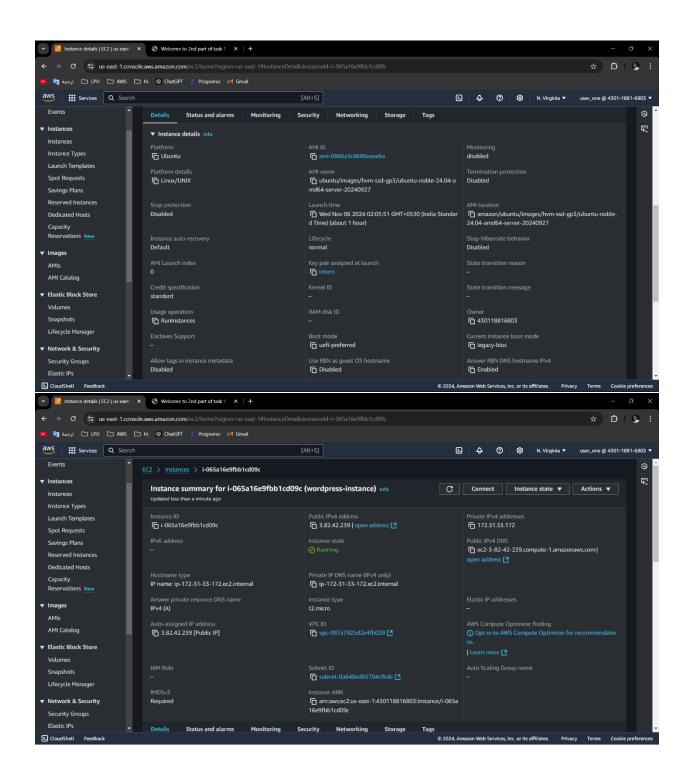
Microservices: -

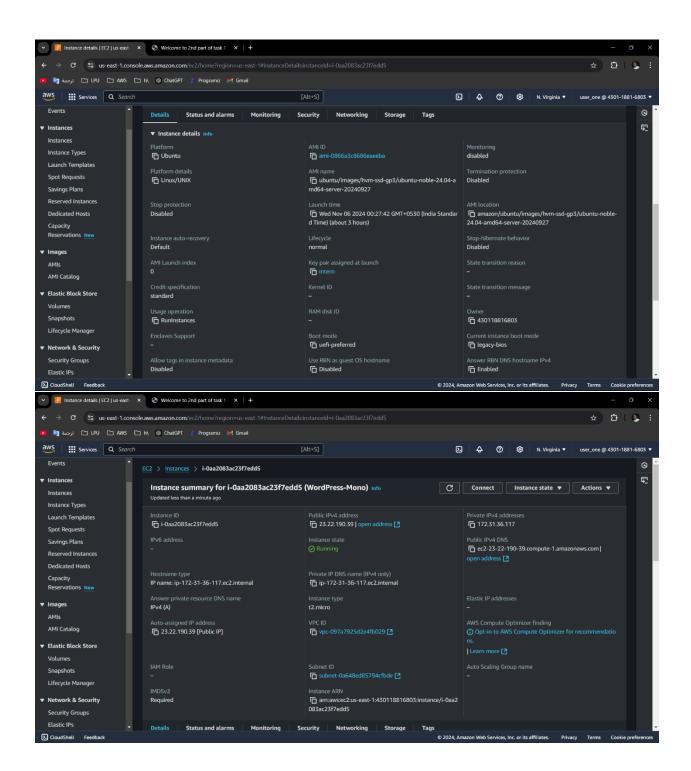
I created two instances to deploy WordPress and MySQL.

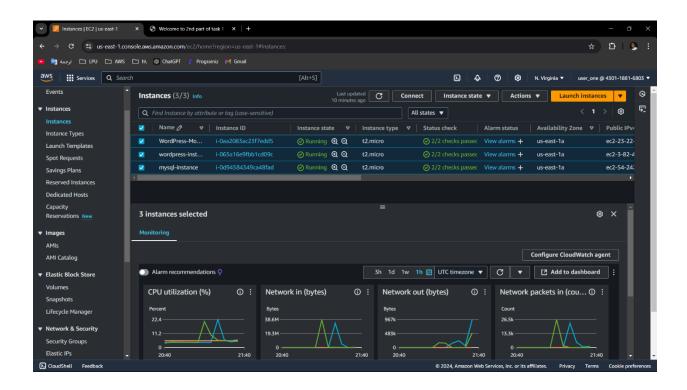
o Steps:

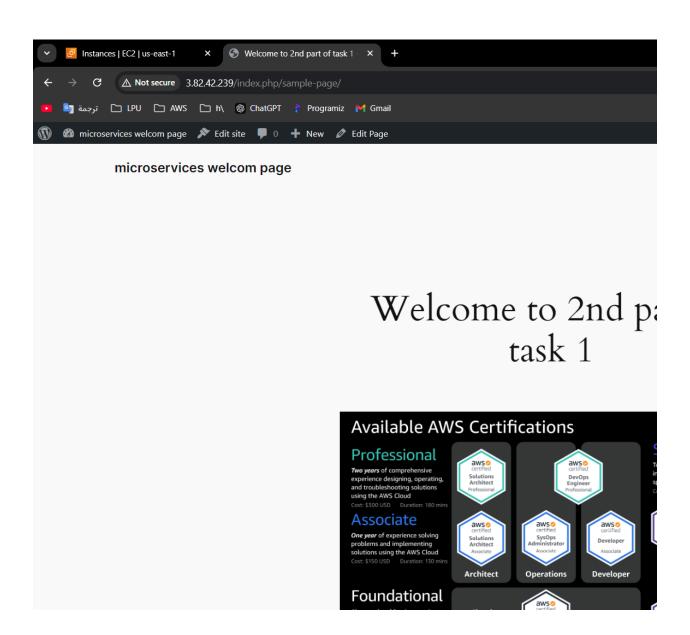
- 1. I start by lunching WordPress instance and making separate security group for it.
- 2. Then I lunched another instance for MYSQL and mitigate only the permission for SSH and mysql/aurora, and make the source as the security group of wordpress.
- 3. Then I started to update and upgrade the EC2 instance of mysql.
- 4. Then downloading, reseat, enable, and configure it.
- 5. Then I start working on my wordpress instance, by deploying and configuring apache2, and wordpress package.
- 6. Then I accessed the website from the public IP of wordpress instance.











❖ Ref: -

https://medium.com/@mudasirhaji/step-by-step-guideon-how-to-install-mysql-8-server-on-aws-ec2linux-2-in-2024-72f3f14764b6

https://www.linkedin.com/pulse/setting-up-wordpress-mysql-two-different-ec2-mohit-agarwal/

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