

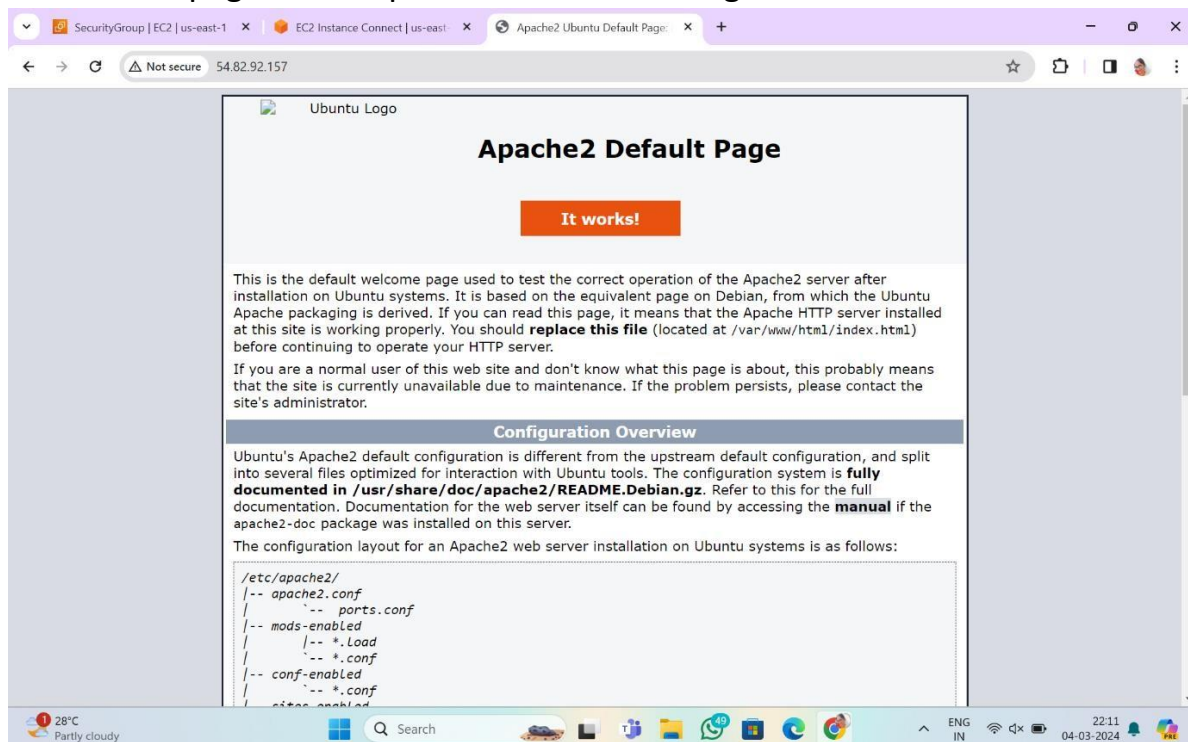
## TECHPLEMENT INTERNSHIP

I felt so excited when I got offer letter from TECHPLEMENT company. With the same excitement I have completed my task1 by referring from different websites. To deploy the wordpress I have referred from chatgpt and <https://youtu.be/vk98vorBIMQ?si=3Zs09pgBORzITGjQ> .And to deploy Mysql I have referred from <https://www.digitalocean.com/community/tutorials/how-to-install-mysql-on-ubuntu-20-04> . With the help of these websites I had successfully completed the task1.

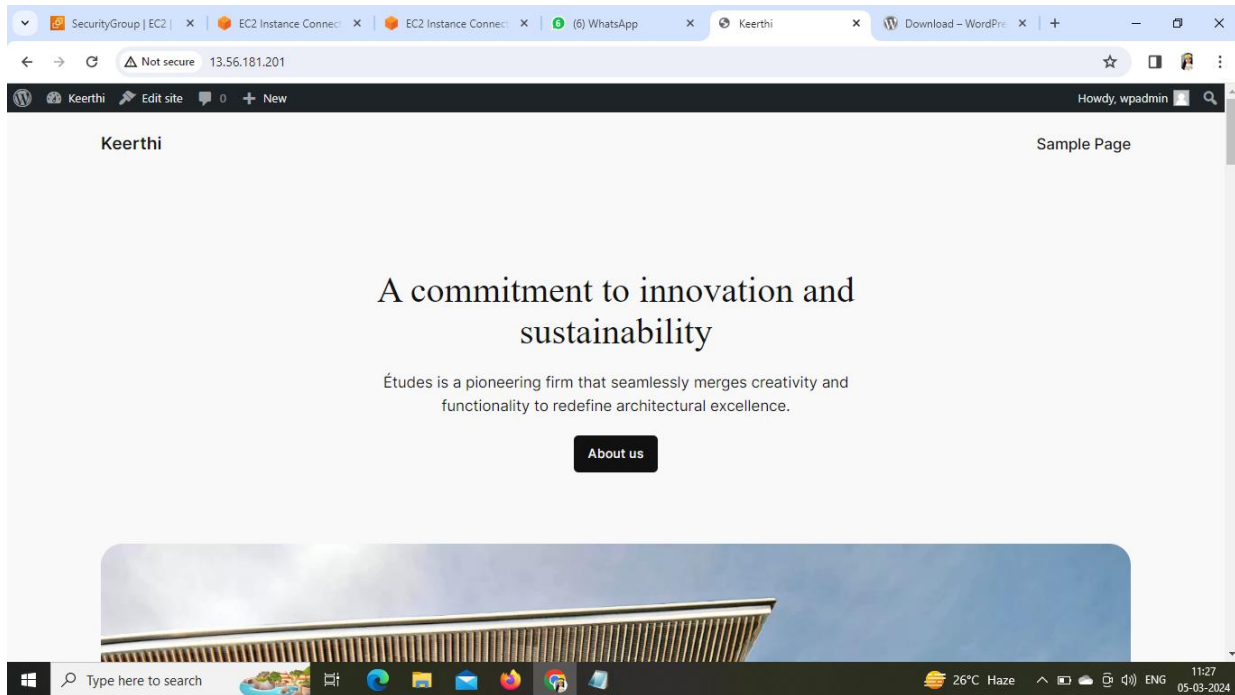
### Monolithic server:

In monolithic server 1<sup>st</sup> we have to launch instance and we have to connect RDS server to the EC2 server to deploy Mysql. After that connect to the EC2 server.

The default page of wordpress is in the below figure:

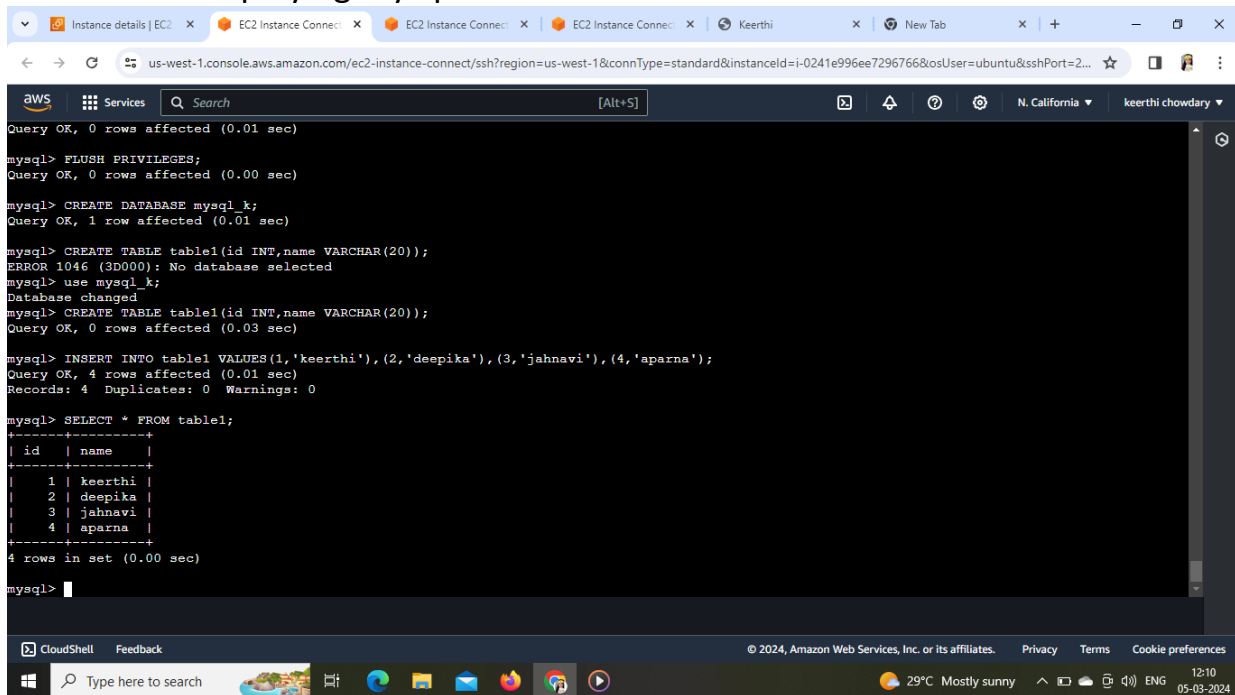


- By using the commands we get the website of wordpress which is shown in below image



After deploying the wordpress we have to install mysql and we have to deploy mysql in the same instance

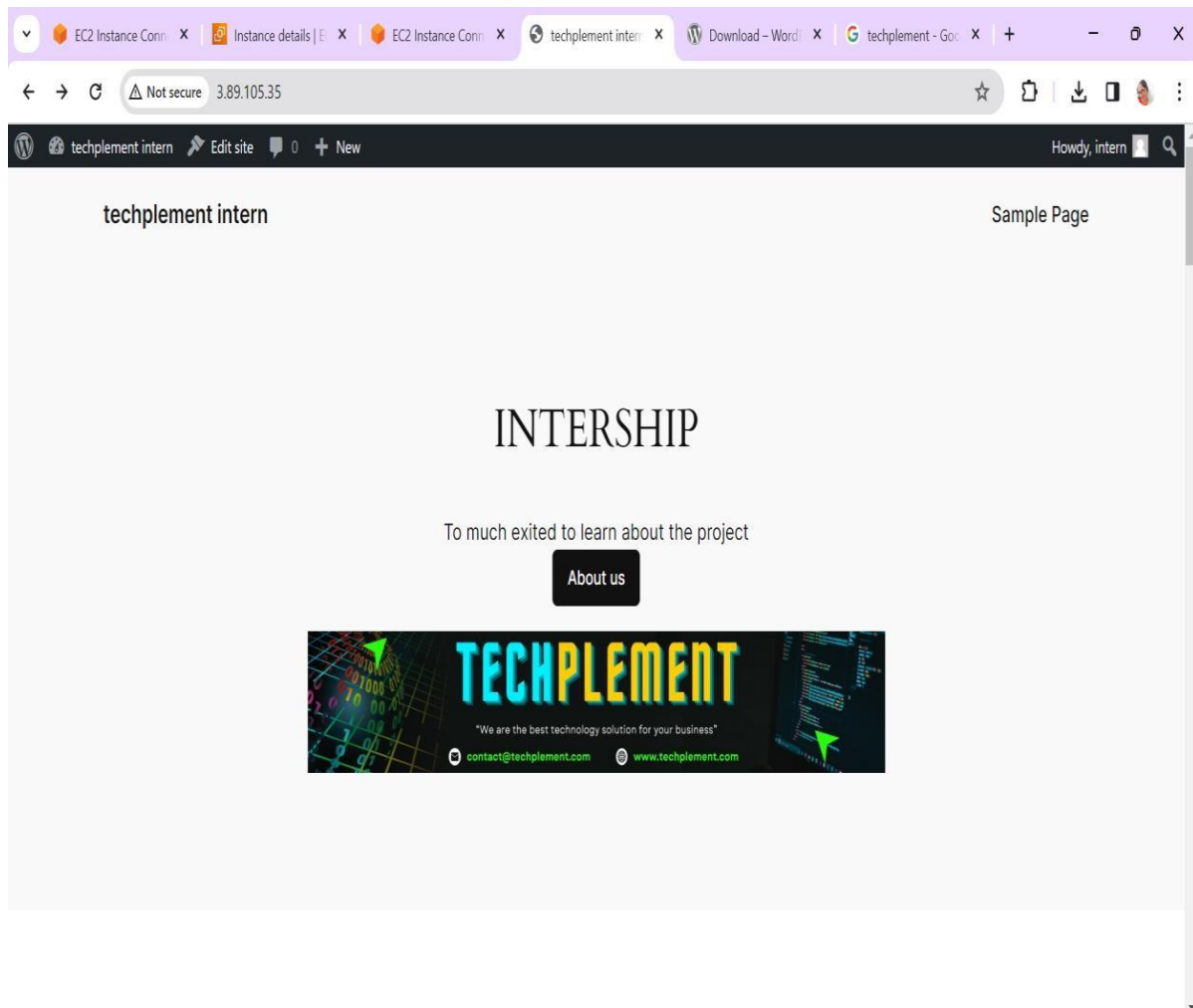
- After deploying Mysql the final database is below



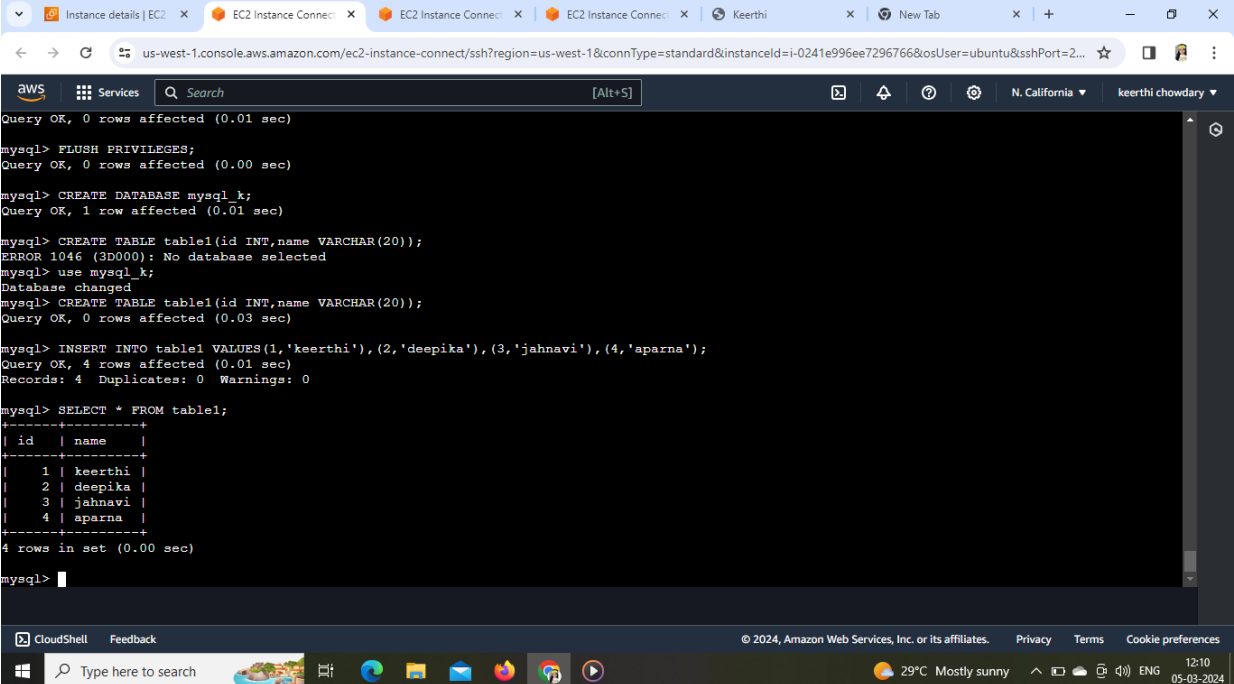
## Microservices:

In microservices we have to install 2 instances which is one for wordpress and one for Mysql

In the first instance when we deploy wordpress the final website is shown below



In the another instance we have to install Mysql and we have to create the database which is created below



The screenshot shows a web browser window with multiple tabs, including 'Instance details | EC2', 'EC2 Instance Connect', and 'Keerthi'. The active tab is 'EC2 Instance Connect', displaying the AWS CloudShell interface. The terminal window shows the following commands and output:

```
Query OK, 0 rows affected (0.01 sec)

mysql> FLUSH PRIVILEGES;
Query OK, 0 rows affected (0.00 sec)

mysql> CREATE DATABASE mysql_k;
Query OK, 1 row affected (0.01 sec)

mysql> CREATE TABLE table1(id INT,name VARCHAR(20));
ERROR 1046 (3D000): No database selected
mysql> use mysql_k;
Database changed
mysql> CREATE TABLE table1(id INT,name VARCHAR(20));
Query OK, 0 rows affected (0.03 sec)

mysql> INSERT INTO table1 VALUES(1,'keerthi'),(2,'deepika'),(3,'jahnnavi'),(4,'aparna');
Query OK, 4 rows affected (0.01 sec)
Records: 4  Duplicates: 0  Warnings: 0

mysql> SELECT * FROM table1;
+----+-----+
| id | name |
+----+-----+
| 1  | keerthi |
| 2  | deepika |
| 3  | jahnnavi |
| 4  | aparna |
+----+-----+
4 rows in set (0.00 sec)

mysql>
```

The bottom of the screenshot shows the Windows taskbar with the search bar, taskbar icons, and system tray information: 29°C Mostly sunny, 12:10, 05-03-2024.