

For monolithic

1st launch ubuntu instance (t2.micro free tier)

In security group create 2 rules for HTTP(80) & MySQL(3306) in inbound rules

Then launch instance with .pem key

In instance 1st update ubuntu with `sudo apt update`

Then install apache2 with `sudo apt install apache2` & then follow process. then Check it's service status.

Then install php with below command,

```
sudo apt install php php-cli php-fpm php-json php-common php-mysql php-zip php-gd  
php-mbstring php-curl php-xml php-pear php-bcmath
```

& then check php version with

```
php -v
```

then after install mysql server with below command

```
sudo apt install mysql-server
```

After installation configure it with password & login with root to create database for wordpress via below command,

```
sudo mysql To configure mysql for password setup
```

After configuration done login with root & create database with below command,

```
sudo mysql -u root -p
```

```
CREATE DATABASE wordpress;  
CREATE USER 'wordpress'@'localhost' IDENTIFIED BY 'wordpress';  
GRANT ALL PRIVILEGES ON wordpress.* TO 'wordpress'@'localhost';  
FLUSH PRIVILEGES;  
EXIT;
```

After Database creation, download & install wordpress with configuration.

```
wget -c http://wordpress.org/latest.tar.gz  
tar -xzf latest.tar.gz  
sudo cp wordpress/ /var/www/html/wordpress  
sudo chown -R www-data:www-data /var/www/html/wordpress  
sudo chmod -R 755 /var/www/html/wordpress
```

Then configure WordPress to connect to the MySQL database by updating the wp-config.php file:

1st from wordpress directory copy wp-config-sample.php & rename it with wp-config.php & then edit it with nano editor.

```
sudo nano /var/www/html/wp-config.php
```

& do change in below line,

```
define('DB_NAME', 'wordpress');  
define('DB_USER', 'wordpress');
```

```
define('DB_PASSWORD', 'wordpress');  
define('DB_HOST', 'localhost');
```

Then Restart Apache & MySQL services.

After Restart Service browse & check with AWS instance public ip like below,

for apache webpage 52.66.41.81

for wordpress webpage 52.66.41.81/wordpress