# WordPress Localhost Setup on Ubuntu 20.04

## 🧰 Stack

- Ubuntu 20.04

- Apache

- MySQL 8.0

- PHP

- WordPress 6.x (latest)

## 🔧 Steps

### Install LAMP Stack

$ sudo apt update

$ sudo apt install apache2 mysql-server php libapache2-mod-php php-mysql

### Setup MySQL for WordPress

$ sudo mysql

CREATE DATABASE wp\_db;

CREATE USER 'wp\_rinku'@'localhost' IDENTIFIED BY '1qaz';

GRANT ALL PRIVILEGES ON wp\_db.\* TO 'wp\_rinku'@'localhost';

FLUSH PRIVILEGES;

EXIT;

### Download WordPress

$ cd /var/www/html

$ sudo wget https://wordpress.org/latest.tar.gz

$ sudo tar -xvzf latest.tar.gz

$ sudo chown -R www-data:www-data wordpress

$ sudo chmod -R 755 wordpress

### Apache Virtual Host

$ sudo vim /etc/apache2/sites-available/wordpress.conf

<VirtualHost \*:80>

ServerAdmin admin@localhost

ServerName wordpress.rinku.test

DocumentRoot /var/www/html/wordpress

<Directory /var/www/html/wordpress>

AllowOverride All

</Directory>

</VirtualHost>

$ sudo a2ensite wordpress

$ sudo systemctl reload apache2

### Add to /etc/hosts

$ vim /etc/hosts

127.0.0.1 wordpress.rinku.test

### WordPress Setup in Browser

Go to http://wordpress.rinku.test and follow:

DB Name: wp\_db

Username: wp\_rinku

Password: 1qaz

Host: localhost

Table Prefix: wp\_

\*\* Paste config manually if prompted, save as wp-config.php, and ensure permissions:

$ sudo chown www-data:www-data wp-config.php

$ sudo chmod 644 wp-config.php

✅ Result

WordPress installed and accessible via http://wordpress.rinku.test.

