

Laravel

Laravel is a free, open-source PHP web framework

Install on Ubuntu 24.04

```
sudo apt install -y pkg-config build-essential autoconf bison re2c  
libxml2-dev libsqlite3-dev
```

```
sudo apt install apache2
```

```
sudo systemctl start apache2
```

```
sudo systemctl enable apache2
```

```
sudo systemctl status apache2
```

```
sudo apt install php php-cli php-mbstring php-xml php-bcmath php-  
tokenizer php-json php-curl php-zip php-mysql libapache2-mod-php
```

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

```
sudo mysql_secure_installation
```

```
sudo apt install nodejs npm
```

```
mkdir /var/www/l1
```

```
sudo chown -R $USER:$USER /var/www/k1
```

```
sudo chown -R $USER:$USER /var/www/l1
```

```
kate /etc/apache2/sites-available/l1.conf
```

```
sudo a2ensite l1.conf
```

```
sudo a2enmod rewrite
```

```
sudo systemctl restart apache2
```

```
cd /var/www/l1/
```

```
composer create-project --prefer-dist laravel/laravel .
```

```
kate .env
```

```
sudo chown -R www-data:www-data .
```

```
sudo chmod -R 775 storage/
```

```
sudo chmod -R 775 bootstrap/cache/
```

```
kate /etc/hosts
```

```
sudo mysql
```

```
>ALTER USER 'root'@'localhost' IDENTIFIED WITH caching_sha2_password BY  
'mypassword';
```

```
php artisan migrate
```

--installiert die Datenbanken

/etc/apache2/sites-available/l1.conf abändern

```
<VirtualHost *:80>

    ServerAdmin webmaster@localhost

    ServerName l1.local

    DocumentRoot /var/www/l1/public

    <Directory /var/www/l1>
        AllowOverride All
    </Directory>

    ErrorLog ${APACHE_LOG_DIR}/error.log

    CustomLog ${APACHE_LOG_DIR}/access.log combined
</VirtualHost>
```

.env ändern

```
SESSION_DRIVER=database
SESSION_LIFETIME=120
SESSION_ENCRYPT=false
SESSION_PATH=/
SESSION_DOMAIN=null
```

.hosts ändern

```
127.0.0.1 l1.local
```

Apache2 aktivieren und Site starten

```
sudo a2ensite l1
```

```
systemctl reload apache2
```

im Browser: <http://l1.local>

Site auf den Hosting-Server transferieren

1. Filesystem kopieren

```
rsync -avz /var/www/l1
```

```
uxxxxx@access983197478.webspace-data.io:/kunden/homepages/13/xxxxx/htdocs/
```

2. Datenbank dumpen und am Hosting-Server einrichten

```
mysqldump -u root -p laravel > laravel.sql
```

```
rsync -avz laravel.sql uxxxxx@access983197478.webspace-data.io:/kunden/homepages/13/xxxxx/htdocs/laravel.sql
```

login to db ...

```
mysql -u dbuxxx -h dbxxx.hosting-data.io -p dbsxxx
```

... and include the sql-dump

```
MariaDB>source laravel.sql
```

3. Datenbank-Konfiguration ändern

.env anpassen

3. Subdomäne einrichten

Subdomain erstellen	
☐ SUBDOMAIN	STATUS
☐ age.kner.at	Webspace (Vertrag 98: /11/public)