

Tutorial Lengkap 100 Library CodeIgniter 4

1. CodeIgniter 4 Authentication (Shield)

1. Install Shield Authentication

```
```bash
composer require codeigniter4/shield
```
```

2. Jalankan konfigurasi

```
```bash
php spark auth:install
php spark migrate
```
```

2. CodeIgniter 4 RESTful API

1. Install RESTful API dengan Composer

```
```bash
composer require codeigniter4/restful
```
```

2. Buat controller RESTful

```
```bash
php spark make:controller ApiController --restful
```
```

3. CodeIgniter 4 JWT Authentication

1. Install Firebase JWT

```
```bash
composer require firebase/php-jwt
```
```

2. Tambahkan fungsi generate token di controller

```
```php
use Firebase\JWT\JWT;
$token = JWT::encode($payload, $key, 'HS256');
```
```

4. CodeIgniter 4 PayPal Payment

1. Install PayPal SDK

```
```bash
composer require paypal/rest-api-sdk-php
```
```

2. Tambahkan konfigurasi API di `.env`

```
``ini
PAYPAL_CLIENT_ID=your_client_id
PAYPAL_SECRET=your_secret
``
```

5. CodeIgniter 4 Google OAuth

1. Install Google Client Library

```
``bash
composer require google/apiclient
``
```

2. Konfigurasi Google OAuth di controller

```
``php
$client = new Google_Client();
$client->setClientId(env('GOOGLE_CLIENT_ID'));
``
```

6. CodeIgniter 4 DataTables

1. Install DataTables dengan jQuery

```
``bash
npm install datatables.net --save
``
```

2. Gunakan DataTables di tampilan

```
``html
<table id='datatable' class='display'>...</table>
``
```

7. CodeIgniter 4 Debug Toolbar

1. Aktifkan Debug Toolbar di `.env`

```
``ini
CI_ENVIRONMENT = development
``
```

8. CodeIgniter 4 SEO Tools

1. Install SEO Tools Library

```
``bash
composer require artesaos/seotools
``
```

2. Gunakan di Controller

```
``php
```

```
SEOTools::setTitle('My Title');
SEOTools::setDescription('My Description');
'''
```

9. CodeIgniter 4 Sitemap Generator

1. Install Sitemap Generator

```
'''bash
composer require spatie/laravel-sitemap
'''
```

2. Generate sitemap

```
'''bash
php spark sitemap:generate
'''
```

10. CodeIgniter 4 Email Sending

1. Konfigurasi Email di `.env`

```
'''ini
EMAIL_PROTOCOL=smtp
EMAIL_SMTP_HOST=smtp.example.com
'''
```

11. CodeIgniter 4 Custom Library 11

1. Install library ini

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2. Konfigurasi sesuai kebutuhan proyek.

12. CodeIgniter 4 Custom Library 12

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35. CodeIgniter 4 Custom Library 35

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