TOP 8 DJANGO PACKGES

THESE WILL SUPER CHANGE YOUR APPLICATION. 🚀

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Hello Everyone!

In this post, I will explain how you can **boost** the **power** of your **Django application** and save time and **energy** by using the top 8 **Django packages**.

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1. DJANGO ALLAUTH

Django Allauth is a popular for authentication and authorization, its fully customizable.

Key Features-

- User registration and Login
- Authentication with (username and email)
- Social Account Integration
- Email Verification
- Account Management

Installation -

```
pip install django-allauth
```

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2. CRISPY FORMS.

Crispy Forms provides a convenient way to render Django forms in HTML with a clean and elegant design.

You only need to define the Django form once and can re-render it everywhere.

This allows you to use **Bootstrap** 2, 3, or 4 CSS classes by using template packs.

Installation -

```
pip install django-crispy-forms
```

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3. CRISPY BOOTSTRAP 5

This package extends the functionality of Crispy Forms to use Bootstrap 5 styling.

It provides a set of pre-defined templates for rendering forms with Bootstrap 5.

And It allows us to customization the templates as per the requirements.

Installation -

```
pip install crispy-bootstrap5
```

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4. CK- EDITOR

This provides us a **rich text editor** that can be easily integrated into Django projects.

Installation - `pip install django-ckeditor`

5. NOTIFICATIONS

This package facilitates the management of a notification system by **generating notifications for events and enabling their delivery via email or within the system**.

It also **offers real-time notification updates** through the use of convenient template tags.

Installation -

```
pip install django-notifications-hq
```

6. WHITE NOISE

WhiteNoise is a package that enables serving static files in Django when running in a production environment.

Django does not handle serving static files by default in production.

But WhiteNoise simplifies the process of serving static files in Django applications.

Installation -

```
pip install whitenoise
```

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7. DJANGO BOOST 🚀

Django Boost is a package of custom extensions for the Django Framework.

It offers a wide range of features like management commands, additional database fields, admin extensions, view mixins, form mixins, and more.

Examples include SuperuserRequiredMixin and StaffMemberRequiredMixin.

Django Boost enhances Django applications with added functionality.

Installation -

```
pip install django-boost
```

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8. DJANGO MENU GENERATOR

Django Menu Generator is a package that simplifies the management of **navigation bars** in **Django** applications.

Instead of updating navigation links individually on every page, this package enables us to define the navigation in one place.

The defined navigation can be easily rendered dynamically in HTML, saving time and effort.

Installation -

`pip install django-menu-generator`

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