# Portfolio Building & Projects









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- What is Framework
- What is Flask
- Create Basic Flask App



## Features of Frameworks

- Skeleton
- Templates
- Web Caching
- URL Mapping
- Security



### What is Framework

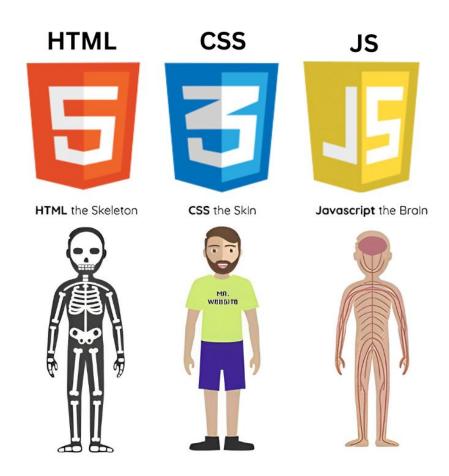




## Advantages of Frameworks

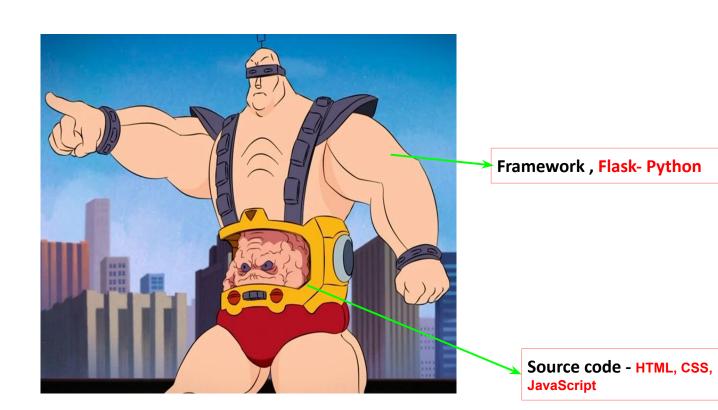
- Quick
- Open source
- Customisable
- Support

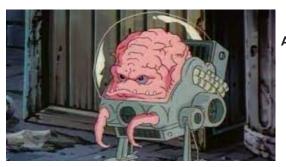






Ninja Turtles - Krang





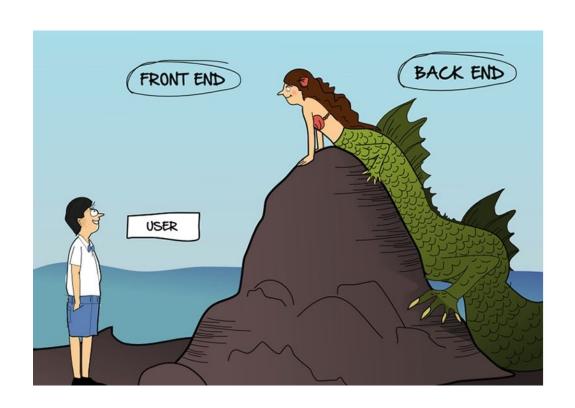
ASP.NET (C#)



Spring (Java)



**Angular (Typescript)** 



### Frameworks- Flask, Django...











### **Front-end Framework**

- The frontend is the part of the website visible to the users.
- Also known as client-side framework.
- Involves UI-UX designing, SEO optimization, performance and scalability enhancing, creating reusable templates.
- Frontend Languages-HTML, CSS, JavaScript, Jquery.
- Frontend Framework-React, Vue, BootStrap, Ember, Angular.
- Frontend frameworks provide pre-written code snippets, reusable templates, integrable elements and manage user interaction.

### **Back-end Framework**

- Backend refers to the background functioning of the sites.
- Also known as server side framework.
- Involves database management, security, URL routing, designing site architecture, the server handling.
- Backend Languages-Python, JavaScript, PHP, Ruby, .NET.
- Backend Framework-Django, Ruby On Rails, Express, Spring, ASP.NET Core.
- Database manipulation, user authorization, privacy encryptions, reusable components are some benifits of using backend framework.



Framework , Flask- Python